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U. S. Department of Agriculture

# 1929 Year Book STATE NURSERY AND SEED CO.

HELENA, MONTANA

ESTABLISHED 1890



QUEEN of MONTANA STATE FAIR  
(Miss Rhea Travers)  
and her bouquet of  
JERSEY'S BEAUTY DAHLIA





- These pictures, reproduced by permission of Mr. C. B. Power, illustrate what has been accomplished in one city block in Helena.
1. A vista, facing towards house from rear entrance to grounds. Note the border of flowers along the drive.
  2. Wouldn't you also be proud to have your garage set in such an effective picture frame as this?
  3. Bolleana Poplars in the foreground. Some excellent Gladiolus in the right background. Included in the tree plantings are American White Ash, Poplar, Horse Chestnut, Schwedler's Maple, Golden Willow and Evergreens.
  4. Note the manner in which the five small fruit trees in the foreground are protected by the larger and hardier ornamental trees.
  5. Blue Spruce, Bolleana Poplars, and flower beds. Note the trim appearance of the lawn, grown from the State Nursery's Rocky Mountain Lawn Grass.
  6. Illustrating splendid use of Canoe Birch, Colorado Blue Spruce, Maple and Ash Trees and Lilac Bush. Note the Shasta Daisy clump in the right foreground and the Dahlias and other flower beds in the background.
  7. Dahlias which won first place ribbons at the Montana State Fair.



T. E. MILLS  
President and General Manager

W. E. MILLS  
Vice President

WALTER CARD, Secy-Treas  
Manager Seed Dept.

JOSIAH BOWDEN  
Cashier

## State Nursery and Seed Co.

HELENA, MONTANA

Nurserymen—Seedsmen—Florists

MANUFACTURERS OF DAIRY AND POULTRY FEEDS

Helena, Montana, January 1, 1929.

Greetings to our Friends and Patrons:

This copy of our thirty-ninth annual catalog is our salesman for 1929. It gives us much pleasure to mail you this issue, and to thank you for your support and cooperation without which it would be impossible for us to remain in business.

We go to considerable expense each year in maintaining seed testing grounds, which cover several acres, where thousands of different seeds are tried out enabling us to discard unsuitable varieties before offering any for sale. By this means we obtain first hand knowledge which enables us to offer stocks which should give creditable results in our northern climate.

The United States Department of Agriculture has inaugurated a Seed Verification Service, whereby buyers of Alfalfa, Clovers, and seed Corn will be assured that locality of production and verified origin are as stated. We are pleased to state that we are on the list of Seedsmen who are privileged to issue "Verified Origin Seed Certificates."

We are also in a position to offer various Certified and Registered stocks of seed grains and potatoes as listed in the field seed department.

We have tried to make our descriptions plain so that it will be easy for our customers to readily select the varieties they wish.

### MONTANA GROWN

It is now a recognized fact that products raised in Montana are far above the average, and that seed stocks because of their vitality, are at a premium. Trees and shrubs raised under Montana conditions should thrive and do well under the most trying circumstances. Our plant business has greatly increased hence we feel that our stock, being better than that usually offered, has given satisfaction.

### A HEARTY INVITATION

Our Nurseries are open at all times.. for inspection and visitors are always welcome. When in Helena come and see us. Take advantage of the opportunity of visiting one of the finest nurseries in the Northwest.

Stop at our downtown office on Fuller Avenue and we shall be glad to aid you in locating our Nurseries, testing grounds and seed cleaning establishment.

### A HEARTY WELCOME AWAITS YOU

You'll miss a real treat if you fail to look us up.

Respectfully,

STATE NURSERY AND SEED CO.

View of Our Greenhouses, Nursery, and Demonstrating Grounds. Customers Always Receive a Cordial Reception Here.





# SPRING 1929---THIRTY-NINTH YEAR

## *This Issue Cancels All Previous Issues*

### Suggestions to Our Customers in Ordering from this Catalog

**HOW TO SHIP**—Write your name, postoffice, state and express office and railroad company plainly, preferably with ink on every order, and also when you write us concerning it. Give plain express, mail or freight directions; where none are given, we route goods at buyer's risk.

**USE ORDER SHEET**—The use of the order sheets enclosed in this catalog are a great help to us in filling and shipping orders. Instructions for use are on the sheets. More will be sent on receipt of a postal asking for same. Flower and Vegetable Seed Orders should plainly state quantity before the name of the variety. Plant orders should give quantity, variety and price. Do not write letters on order sheet.

**WHEN ORDERING**—Be sure to state distinctly quantities wanted; such as packet, ounce, one-quarter pound, one pound, etc., with price. By so doing, mistakes can be avoided and orders will be executed promptly.

**KEEP A COPY OF YOUR ORDER** and mark off goods as received. Sometimes items may be sold out or will follow later, in which case a slip is enclosed with other goods, or notice sent.

**ORDERS ARE PROMPTLY FILLED** and as far as practicable in rotation. All orders not shipped on day of receipt are acknowledged by a postcard giving the number of the order on our files. If you do not hear from an order sent us within a reasonable time, send us a duplicate of it giving date of order, amount of same, form of remittance, and your full name and address. If you will, in case of what appears to you to be an unreasonable delay, give us these items of information in your letter, it will aid us greatly and save valuable time in the rush season in tracing the order.

**ALWAYS, IF POSSIBLE**, when writing in reference to an order, give the number of the order referred to.

**OUR TERMS**—Personal Checks, Drafts, Postoffice or Express Money Orders can be sent in payment of orders, or stamps for small amounts. If there is no Railroad Agent at your station, freight or express charges should be included.

**PARCEL POST**—Most plants can be sent by parcel post, also the smaller trees and shrubs. Wherever possible we have given postpaid prices. We cannot, however, be held responsible after delivery to the postoffice or express company. If plants are desired sent by parcel post in pots, extra cost must be allowed by purchaser for packing and postage.

**MISTAKES** — These will happen in spite of all care. Write us at once with a copy of original order if possible, and errors will be promptly rectified. We do not want you to 'Keep quiet' if everything is not received as ordered, but please be **SURE TO COMPARE THE GOODS RECEIVED WITH A COPY OF YOUR ORDER.** WE FREQUENTLY FIND ON LOOKING UP THE ORIGINAL ORDER THAT THE ITEMS COMPLAINED OF AS 'MISSING' WERE NEVER ORDERED.



New Dahlias Growing in Our Test Plots

**IN COMMON WITH ALL AMERICAN SEED HOUSES, WE DO NOT WARRANT**, in any way, expressed or implied, the contents or the description, quality, productiveness or any matter of any seeds, bulbs, plants, shrubs or trees sold by us, and will not in any way, be responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we sell at the moderate prices herein quoted.

#### CATALOGS ISSUED

**JANUARY**—Our complete general catalog, covering everything for the Farm and Garden—profusely illustrated. (This one.)

**EASTER**—A special Flower and Plant List, of Plants and Cut Flowers for Easter decorations and remembrances to friends.

**MOTHERS' DAY**—The second Sunday in May. A special list of Cut Flowers—issued about May 1st.

**DECORATION DAY**—A special list of Cut Flowers—Wreaths—Plants, etc., for this National Memorial day.

**FALL—SEPTEMBER**—A catalog of Dutch, French and other bulbs, for fall planting and winter plants for the house.

**THANKSGIVING DAY**—A special list of Cut Flowers, Plants, etc., for this great National Holiday.

**CHRISTMAS**—A special list of Plants, Cut Flowers, Evergreens, suitable for Xmas decorations, and remembrances of the joyful occasion to your friends.

A postcard will bring you any of these in its season.

#### PAMPHLETS, ETC. ISSUED

We issue the following list of Pamphlets and leaflets on the subjects named. They will be found of great value both to the amateur and also the more advanced gardener. They have been compiled by experts in their several lines. We will be pleased to send any of the following you are especially interested in—free—on application.

**FRUITS**—Strawberries and Bush Fruits. Standard Fruits.

**TREES, ETC.**—Deciduous Trees and Shrubs. Evergreen Trees and Shrubs. Lawns—How to Prepare. Hardy Climbers.

**HARDY PERENNIALS**—Peonies; Iris; Pansies.

**HOUSE AND GARDEN PLANTS**—Ferns; Geraniums; Cyclamen; Dahlias; Sweet Peas; Roses. Care of House Plants.

**VEGETABLE GARDEN**—In General—Mushrooms—Tomatoes.

**FARM CROPS**—Alfalfa; Registered Grimm Alfalfa; Corn in Montana; Field Peas; Brome Grass; Sweet Clover; Crops for Emergency; Rosen Rye; Sudan Grass; Sugar Beets; Western Rye Grass; Soy Beans.

**INSECTICIDES—SPECIAL TOOLS, ETC.**—Black Leaf 40; Insecticides; Planet Jr. Catalog's, Semesan, Semesan Jr., Semesan Bel, Ceresan.



# PLANT DEPARTMENT

After thirty-nine years of experience in testing and producing plants for Montana and adjoining territory we recommend for your selection the offerings in the following pages. Only those types and varieties of plants which will thrive under the conditions prevalent in this area are included.

Every care is taken not only to select plants that are in the best of condition but to pack them so that they will be certain to arrive safely at their destination. Our growing sections and packing sheds are in charge of experts in their several lines and our friends and customers may be assured that every effort will be made to make their dealings with us both pleasant and satisfactory. The sizes named in plants, such as 3 inch, 4 inch, etc., refers to the size of the pot in which the plant is grown. Except in certain instance plants are removed from earthen pots for shipment and are packed in paper pots. It sometimes happens that we are sold out of certain varieties of plants. Unless the variety is rare or very expensive we take the liberty of substituting another variety similar in habit and color and equal to or greater in value than the one ordered, rather than to cause undue delay in writing. Visitors are always welcome at the nursery and greenhouse where courteous attendants will gladly show them through the entire plant, including the enormous ranges of glass—some 250,000 square feet contained in 55 greenhouses—our outside gardens, tree nursery, and seed testing grounds, where the largest collection of plants in the northwest are grown and cared for.

Note Particularly: There is no charges to the customer in addition to the catalog price for delivery to your nearest post office or express station.

## ABUTILON—Flowering Maple

For flowering indoors during the Winter and the early spring months the Abutilon is considered indispensable. Succeeds under ordinary care and always presents a fresh appearance.



Abutilon

**Splendens**—A handsome rose color.

**Pink Beauty**—Pale pink

**Savitzii**—A variegated foliage.

**Golden Fleece**—Pure yellow.

**Crusader**—A brilliant red.

Each (Postpaid),  
3-inch, 35c; 4-inch,  
45c.

## AGERATUM

**Frazeri**—A late introduction and most desirable dwarf border bedding plant with large clusters of beautiful blue flowers. Each, postpaid, 20c.

## ALOYSIA (LIPPIA) CITRIODORA

**Lemon Verbena**—An old favorite and should be in every garden. Lemon scented foliage. Each, postpaid, 30c and 40c.

## ALYSSUM

(Ready about May 1)

**Little Dorritt**—A single Sweet Alyssum, of great value for borders and small beds.

**Alyssum, Double**—An excellent variety for borders, window boxes, and urns.

Each, 10c; doz., \$1.00.

## ANTIRRHINUM—Snapdragon

(Ready April to July)



A Bench of Snapdragons in Our Greenhouse

The Snapdragon is well adapted for beds or borders and the flower spikes are fine for cutting. They are superb during the cool early days of summer and during the late fall. They can be depended on to give a display of bloom from July until frost. They may be grown from seed, but it is much more satisfactory to get plants that are already started.

Pot plants, ready to bloom, furnished in fiery red, rose pink, light pink, orange, scarlet, yellow and white.

Each, 25c; doz., \$2.50.

Transplanted seedlings, mixed selection of the above colors, fine for bedding.

Per dozen, 75c.

## AMARYLLIS—Hybrids

These plants produce blossoms which are wonderfully varied and of brilliant colorings. There is a growing demand for the new types and their easy culture is aiding their popularity.

Strong bulbs or plants, each, \$1.00; postpaid, \$1.25.

## ANTHURIUM ANDREANUM

The very peculiar flowers of this choice house plant never fail to attract attention.

Specimen plants from \$3.50 and upwards.

## ASPIDISTRA

**Aspidistra Lurida**—One of the easiest decorative plants to grow.

A most useful house plant having large green leaves and thriving in a hall-way or a comparatively dark place in the room where nothing else will succeed. Each, postpaid, \$1.25.

**Aspidistra Lurida Variegata**—Similar to the preceding variety but with beautifully striped leaves of white and green. Each, postpaid, \$1.25.



Aspidistra



**ASPARAGUS PLUMOSUS—Asparagus Fern**

Asparagus Plumosus

Owing to its graceful foliage and ease of culture, this is perhaps more in demand than any other house plant. We grow these in thousands. The smaller plants listed are the right size for Table Dishes, while the larger are suitable for Jardinieres, etc.

A plant with half a dozen stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make a pretty decoration for the table.

Each from 3 in. pots, 25c postpaid; 4 in. pots, 50c postpaid; 5 in. pots, \$1.00 postpaid.

**ASPARAGUS SPRENGERI**

(Emerald Feather)

Of great value for hanging baskets and for cutting. One of the best plants for window-boxes when planted outside where it can droop down over the edge of the box.

Of very easy culture. Requires only good soil and plentiful watering. When planted inside it should be in a well lighted position.

Prices: 3 inch, 25c; 4 inch, 50c; 5 inch, \$1.00.



Asparagus Sprengeri

**ASTERS**

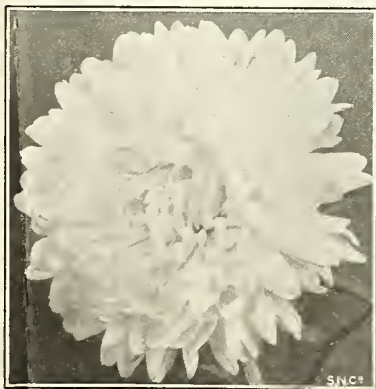
(Ready in May)

Our strains of Asters are unsurpassed by any and are prize-winners wherever exhibited. While the early varieties may be grown successfully from seed it has been found to be much more satisfactory to use plants that have been started inside.

Care should be taken in setting out the young plants as the roots are tender and easily broken.

We offer sturdy transplanted plants of the early, mid-season and late-branching varieties. Colors, Pink, Shell-Pink, Red, White, Lavender, and Purple.

Per doz., 60c.



Aster

**POT GROWN ASTER PLANTS**

In addition to the plants listed above we are this year featuring pot grown stock in the same colors. These plants will be of sturdy growth and will produce earlier flowers, a distinct advantage in districts subject to early frost. Per doz. postpaid \$1.25.

**BABY TEARS**

Dwarf growing plant with a clustering, trailing habit. Foliage small and compact. Ideal for fern dishes. Each, postpaid 25c.

**BEGONIAS**

S.N.Co.

Begonia—Rex

**BEGONIA—REX—or Painted Leaf Begonia**

The REX or Painted Leaf Begonias, as they are known, are some of the handsomest and most showy house plants that can be grown. Their wonderfully colored foliage never fails to awaken admiration, and they are of easy house culture. The varieties listed below are selected from the finest sorts known.

**Bertha McGregor**—Finely cut foliage, deep green leaves with bold silver zone around edge, deep red reversed.

**Vesandii**—Very showy variety, thick velvety foliage, beautifully marked with bright-green and silver with crimson stems.

**Mrs. A. G. Shepard**—Silver leaves marked with other pretty shades.

**Walter Lamb**—Rich green and silvery white.

**Louis Closson**—A beautiful bronze.

Each, postpaid, 50c and 65c.

**BEGONIA—Everblooming Type**

Possibly the most popular and best known house plants today are the Begonias. As pot plants with their magnificent range of colors both in bloom and foliage they are superb. As a general rule they are a mass of bloom throughout the entire year. Because of their easy culture and adaptability to any location they are extensively used for house and conservatory decoration and for window gardens. Our collection embraces the very best varieties on the market today.

**Fire Sea**—An exceedingly floriferous variety, with very large dark fiery red flowers, almost covering the plant. The foliage is of a reddish green tint. Of sturdy bushy habit.

**Chatelaine Hybrids**—Very similar to the well known Chatelaine, with very large flowers of a brilliant rose color.

**Albert Martin**—A well known variety with bronze foliage.

**Pink Profusion**—A new introduction with slender growth, and small foliage of a light green tinted with brown. Flowers of medium size, borne in wonderful profusion, a single stem often bearing twenty-five blooms and buds, of a rich rose color.

**Prima Donna**—Another variety of late introduction, very free flowering, with rose colored blooms, shading to a carmine at the centre.

**Lucerne**—One of the finest begonias known. Foliage bronze, crimson reversed. Has immense trusses of salmon colored blossoms.

**Wellingtoniensis**—An old variety, which is again becoming in great demand, with beautiful dark green foliage, and pink flowers. A continuous bloomer, of very bushy habit of growth.

**Sandersonii**—Scarlet, a winter bloomer.

**Argenta Guttata**—Brilliant bronze green foliage spotted with white with white flowers.

**Thurstonii**—A great favorite with red veined foliage on under side of leaves. Flowers a bright shell pink.

**Rubra**—Deep coral pink flowers, foliage green.

Any of the above varieties, each postpaid 30c, 40c and 60c.



## CANNAS

No other bedding plant is as showy as the Canna. It is very easily grown and attains large size in ordinary soil. For best results obtain started plants from the greenhouse, and set out when all danger from frost is past, thus gaining additional time for their growth. Our method of growing these semi-tropical plants and the satisfactory results we have had has greatly increased the demand during the last few years. Set the plants about 18 inches apart in a sunny location and supply with plenty of water and well rotted manure. Take them up immediately frost cuts back the tops and treat as you would Dahlia tubers.



Bed of Cannas

**Ambassador**—Bronze foliage—color poppy red. Flowers brilliant and borne in immense trusses on strong stalks well above the foliage.

**Nokomis**—Large, vivid crimson flowers with a rich silky sheen on the petals. Bronze foliage.

**Mrs. Pierre S. Du Pont**—This new canna surpasses all other pink varieties. Color a vivid watermelon pink which is exceedingly rich and attractive. Although the single flowers are very large and form immense heads each petal is so firm that the blooms always open perfectly and do not wilt in the hot summer sun. The wavy or crinkled edge on the petal is a new departure in cannas.

**The President**—A rich scarlet flower with green foliage. One of the best reds yet introduced.

**Duke of Marlborough**—3 feet, green foliage, flowers a bright crimson maroon.

**King Humbert**—The best of the bronze leaved type—with scarlet flowers and beautiful rich bronze foliage.

**Yellow King Humbert**—3 feet, flowers a golden yellow spotted with red and green foliage.

**Hungaria**—Flowers large and waxy. La France Pink.

**PRICE**—Fine large, 4 inch potted plants, each, postpaid, 40c. Doz., postpaid, \$3.50.

## CALCEOLARIA

The Calceolaria, more commonly known as the "Fisherman's Basket," is rapidly becoming one of the most popular plants for Mother's Day on the market. With its multitude of vari-colored velvety like flowers it makes a most acceptable present. The season of the Calceolaria extends from early spring until early summer, though the plants are at their best in May.

In full bloom, each depending on size, \$1.50 to \$3.00.

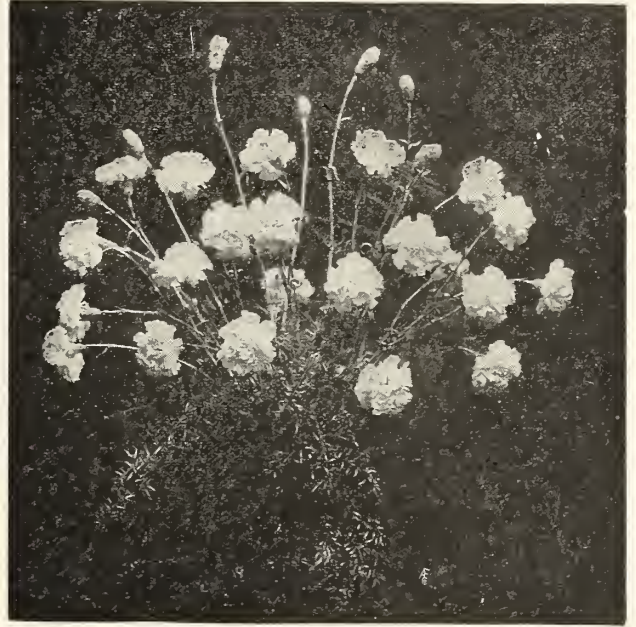


A Specimen of Our Calceolaria

DON'T OVERLOOK  
OUR  
Iris Collection

20 Different Dahlias  
POSTPAID \$5.00  
SEE DAHLIA  
SELECTION

## CARNATIONS



Probably no flower grown is so generally admired as the Carnation. Its great lasting quality, its delightful fragrance, its effectiveness and beauty, make it the most elite and economic of flowers. The Carnation is often spoken of as "The Flower of Fashion" for Carnations are always fashionable. The demand for this flower is so great that we devote an entire range of glass requiring 50,000 plants to fill the benches, which, if placed end to end, would extend a distance of five miles. The appended list of varieties comprises only those which are the leaders amongst these fragrant flowers. The young plants of any of the above can be supplied only from March 15 to July 15.

## SPECIAL OFFERINGS

**Hilda**—The most wonderful pink carnation of a decade. Awarded certificate of merit at the recent American Carnation Society's show. It is an exquisite pink with slight variegation, is a very free bloomer, blossoms are practically 100 per cent perfect, and it does not lose its color in the summer months.

**Laddie**—A variety of extreme size, 3½ to 4½ inches in diameter. Color, a beautifully warm salmon pink. Has long, strong stems. The Carnation "De Luxe."  
Price of above varieties, each, 35c.

## STANDARD VARIETIES

**Arctic**—A glistening white—large flowered and sweet scented.

**Betty Lou**—A very attractive deep pink of fine size and form.

**Spectrum**—One of the very best reds on the market, having large well shaped blossoms on long stems.

**Benora**—A handsome variegated variety, white, irregularly streaked with red.

**Harvester**—An ideal white, very floriferous and of excellent substance.

**Matchless**—A large pure white long stemmed and free blooming. The petals are attractively fringed and the perfume delightful.

**Beacon**—An outstanding scarlet carnation. One of the very best.

**Belle Washburn**—A red of extreme brilliance.

**Peerless Pink**—A very deep pink, flowers large and well shaped. Free bloomer.

**Mrs. C. W. Ward**—A very attractive deep pink of fine size and form. Free bloomer and strongly scented.

**Mrs. C. W. Ward (Variegated)**—Another variegated variety, attractively blotched and striped with a deep pink on white ground.

**Betty Jane**—A very fragrant pink of superb quality borne on long strong stems. Very popular.

**Superb**—One of the very best salmon pinks. Very large and free flowering.

The varieties listed above—each postpaid 25c.  
Any twelve of the above varieties, postpaid \$2.50

## CENTAUREA (GYMNOCARPA)—Dusty Miller

One of the white-leaved Centaureas. Fine for bedding, for vases, hanging baskets and pots also used extensively for margins. Makes an exceptionally fine edging to a bed of dark leaved Cannas. Each, postpaid, 25c; dozen, postpaid, \$2.50.



**CHRYSANTHEMUMS**

THE CHRYSANTHEMUM is without doubt, the queen of Autumn flowers. Their large blossoms of every character and form attract the attention of all who are interested in flowers. Owing to the early frosts of this section it is impractical to grow these most beautiful of all fall plants to maturity in the open ground. They can however be successfully grown in the garden until September when they should be lifted and potted. Then in the house they will give a wealth of blooms and beauty that will more than repay for the slight trouble entailed.

**LARGE FLOWERING VARIETIES**

**Betsy Ross**—A grand, early mid-season white, one of the finest yet introduced.  
**Wm. Turner**—Snow white, of enormous size. One of the largest whites known.  
**Yellow Wm. Turner**—Identical in form and size with White Turner, except in color, which is a bright yellow.  
**Pink Turner**—Identical with the old favorite White Turner excepting in color, a clear bright pink.  
**Thanksgiving Pink**—A late introduction, November flowering, of a deep shade of lavender pink.



A Bench of Large Chrysanthemums in Our Greenhouses

**Tiger**—A yellow of unusually fine color. This variety was named by President Wilson.  
**Comoletta**—A well known early commercial yellow.  
**Chieftain**—A large incurved pink. A handsome flower.  
**Golden Glow**—A pretty golden shade, flowers from six to eight inches across. October.  
**Chadwick**—Christmas flowering; white tinged with pink.  
**Golden Chadwick**—Lovely Golden yellow; Christmas flowering.  
**Maj. Bonnaffon**—A beautiful incurved glossy yellow. One of the best.  
**White Chieftain**—Large incurved white. November.  
**Chrysolora**—A large incurved, yellow; strong and robust.  
**Chas. Rager**—A fine large white, splendid stem and foliage.  
**Pattie**—A very delicate pleasing shade of pink.  
**Siedewitz**—Another favorite with the commercial grower; large pink.

**ANEMONE FLOWERED CHRYSANTHEMUMS**

The Anemones are quite distinct and very useful when cut in sprays for floral decoration. They are extravagant bloomers with flowers clustered, averaging 3 to 3½ inches across.  
**Godfrey's Perfection**—White. A beauty in every respect.

**POMPON CHRYSANTHEMUMS**

The flowers vary in size from ½ inch to 2 inches in diameter, small petaled, very compact and formal. They are usually in clusters so that when cut, one spray forms a bouquet in itself. Very dainty for table decoration. Pompons make ideal house plants. Colors, Pink, White, Yellow, Bronze and Henna.  
**New York**—Yellow tinge, with a decided henna center.  
**Flora**—One of the finest henna shades.  
**Sunshine**—A beautiful yellow of dwarf habit.  
**Elva**—Choicest white pompon.  
**Mrs. Frank Beu**—The favorite of all the Pompons, color a red-dish yellow.  
**Lillian Doty**—Large Pink, a splendid sort.  
**Trisker**—A late introduction, flowering in October and November, rich yellow.  
**Kathleen Thompson**—Crimson. **White Cap**—Pure white.  
**Source d'Orr**—Orange, shaded gold. **Yellow Cap**—Pure yellow.  
**Butler's Caprice**—Rosy pink. **Lizzie Adcock**—Deep yellow.

**FANCY SINGLE VARIETIES**

These fill a unique position in that they come between the larger standard varieties and the pompons.  
**Emilie**—A soft rose pink and lasts well.  
**Mensa**—Purest white; a splendid variety.  
**Golden Mensa**—New and proving popular.  
**W. Buckingham**—A grand vigorous pink.  
**Anna Belle**—Beautiful cerise shade.

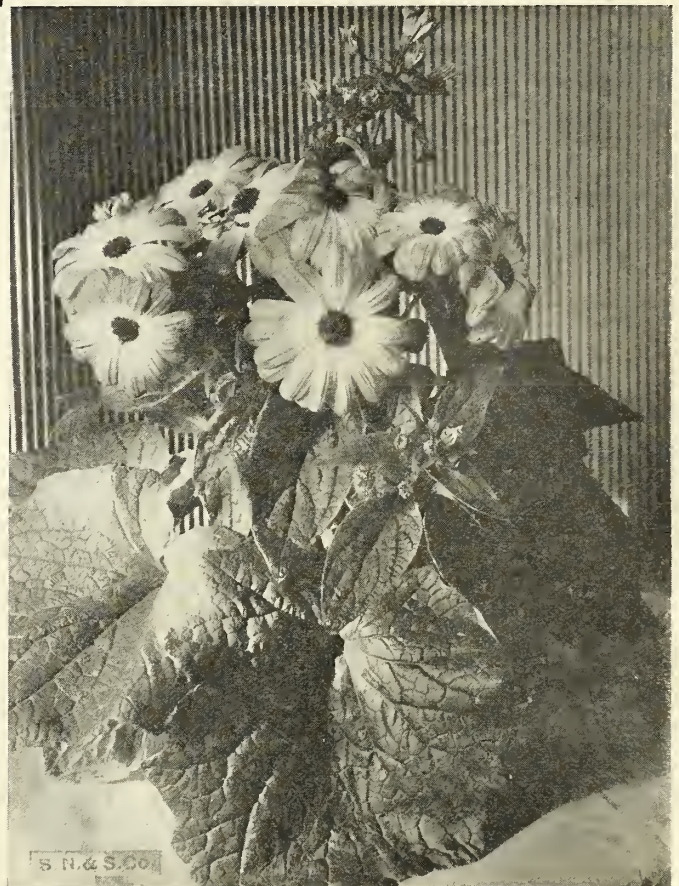
Prices for Chrysanthemums—Plants ready March to July only: Each postpaid, 20c; doz., \$1.75.



Single Chrysanthemums

**CINERARIA**

**Cineraria Hybrids Grandiflora**—Cinerarias are magnificent and truly beautiful plants with their rich colorings and delicate fragrance. Our strain is noted for its large flowers of exceptional beauty. The plants are of sturdy and bushy growth covered by massive flower heads in a variety of bright colors. Fine blossoming specimens, postpaid \$1.00, \$1.50 and \$2.00.



Cineraria

Galata, Montana.

October 15, 1928

The seeds, plants, and shrubs all turned out beautifully that I got from you last spring. I had loads of lovely flowers.

Yours truly,  
 Mrs. M. E. S.



## COLEUS



Coleus—Xmas Gem

**Christmas Gem**—A beautiful variety with red and maroon colored foliage and producing enormous leaves, often 5 to 7 inches in length. It attains its full beauty in winter—thus differing from other varieties.

**Trailing Queen**—A beautiful trailing variety, highly colored and very suitable for hanging baskets.

**PRICE**—Each, postpaid, 25c.

**Fancy Varieties**—Collection of Six varieties in beautiful shades of crimson, velvety maroon and yellow.

Collection of Six, postpaid 90c

## CUPHEA IGNEA (Platycentra)—Cigar Plant

This plant is covered with bright scarlet flowers and makes a very attractive house plant. They are especially useful for vases or basket decorations. Each, postpaid, 25c.

## CYPERUS ALTERNIFOLIUS—Umbrella Plant

An unusually fine plant for decorative purposes of extremely easy culture. Requires plenty of water and may be grown as a semi-aquatic. A splendid plant for aquariums. Each, postpaid 25c and 50c.

## CYCLAMEN

The accompanying cut presents a view of a section of one of our Cyclamen houses.

Without doubt the Cyclamen, because of its clean growth, its picturesque appearance and its easy culture, has become the most treasured of winter blooming plants. We cannot emphasize too highly the qualities of these plants, for without exception they are the most satisfactory for general home conditions. We have some excellent specimens ranging in color from the purest white to white tipped with pink, through the various shades of pink to the reds, and even when the plants are thru blossoming, they still have a pleasing effect due to the mottled character of the leaves. We can supply these plants from Nov. 1st to March 1st, and for gift purposes they cannot be excelled. For the benefit of our patrons, we might say we have for years paid special attention to this class of plant, only selecting for seed purposes the finest in color and size of bloom and the most free flowering specimens. Nice blossoming specimens sent anywhere postpaid for \$1.25, \$2.00, \$2.50 and \$3.00. The larger sizes are better shipped by express wherever possible.

## DORMANT CYCLAMEN BULBS

We can supply the above from March to July 1st at 25c each, postpaid.



A View of V. M. Grigsby's Back Yard at Livingston, Showing Gladiolus, Calendula, and Many Other Flowers



Many Trout Are Caught Each Year in Ten Mile, This Beautiful Little Stream Which Flows For a Mile Through Our Nursery



A View in one of our Cyclamen Houses



# MONTANA GROWN DAHLIAS DO BETTER

We wish to emphasize that our stocks are all Montana grown and therefore suited to our climatic conditions. Our patrons will find many new varieties including those which attracted so much attention as the State Fair in Helena. Our Dahlia collections gave so much satisfaction last year that we have made additions which we feel will be a great help to those who are especially attached to this beautiful flower.

## CULTURE

Dahlias are strong, vigorous growers and require rich soil with abundant supplies of water during dry weather. The beds should be in a fully exposed, sunny position, and should be well enriched with rotted manure dug deeply into the soil. After frost danger is past, plant the tubers about two feet apart in holes about four inches deep, laying the tubers flat on their sides. Cultivate regularly as soon as the plant is up, and as soon as buds appear mulch with well rotted manure. To have the best success keep them growing.

## NOTE—GREEN PLANTS

In some varieties we may have exhausted our supply of tubers and in this case we reserve the right to send GREEN PLANTS from 4 inch pots. Although it is not generally known, Dahlias grown from cuttings in the spring, potted on and planted out in June or July, flower earlier and just as freely as those grown from tubers. We might add, this is precisely what we do in our Dahlia gardens.

### JERSEY'S BEAUTY

(See Front Cover Page)

Color is eosine pink. This dahlia is now so well known that it scarcely needs any description. It has become the standard and has been called by many the hundred per cent dahlia. It has been introduced for five years and is an outstanding variety at any exhibition. It has also become a leading variety in Europe. No dahlia of recent years has become such a favorite in such a short time. As a cut flower it is unexcelled and has brought the highest prices in the leading cut flower markets. We have reduced the price to the minimum so that any dahlia fan can get the best at a reasonable price. The bouquet of dahlias which the Queen of the 1928 Montana State Fair carried was of this wonderful variety and was selected from our gardens. Each, \$1.50.



### DAHLIAS NOT CATALOGED

We have a large list of Dahlias being tested in our fields before cataloging. Should you have a variety in mind which is not listed we shall esteem it a favor if you will write us regarding it, as we may be able to supply it.

If you are contemplating starting a Dahlia garden we shall appreciate your putting confidence in our Mr. Eger who will select suitable varieties true to name and give you a collection of which you will be proud and which will be a credit to ourselves. Just state the amount you wish to spend and we will do the rest.

A Bouquet of Dahlias

## OUR ARISTOCRAT SPECIALS

**Rollo Boy**—H. Cactus. Delicate shade of amber, shading to old gold. Vigorous plant of medium height, producing large flowers in great profusion on the best of stems. Each, \$3.00.

**Ambassador**—Cactus. Soft yellow buff, shaded salmon pink. The flowers are of pleasing form and of enormous size on erect strong stems. Can be grown eleven inches and more in diameter. Each, \$1.50.

**Mrs. E. L. Lindsay**—Decorative. Scarlet and gold. The gorgeous coloring of the well-known "Geisha" reproduced in an enormous decorative type. The shading varies in different blooms, but the two colors are always in evidence. Good sized flowers and fine stems. Each, \$1.00.

**Charles Stratton**—Decorative. Undoubtedly one of the greatest dahlias ever originated; a prize winner wherever shown. It is known for its great size and artistic coloring. Color is pale gold, shaded and tipped with old rose. A tall grower and prolific bloomer. Blooms are somewhat fluffy and keep a long time when cut; long stiff stems. Each, \$2.50.

**Elite Glory**—Decorative. Immense flowers brilliant rich red without any purple or maroon shading. Blooms and foliage

gigantic in size. This dahlia is regarded as a "freak" in the dahlia world and cannot be surpassed for effect for either exhibition or garden purposes. Each, \$5.00.

**El Granada**—H. Cactus. Color, vivid orange. Petals twist and interlace, showing on the tips a creamy yellow reverse. The long stem grows well out of the foliage and is absolutely stiff and faultless. This dahlia has been awarded many prizes. Each, \$3.50.

**Emma Marie**—H. Cactus. A favorite because of its pleasing shade of clear pink with a creamy white center and its combination of exhibition and commercial qualities not found in many dahlias. A robust grower, producing deep full-centered blooms averaging eight inches in diameter on three to four foot stems, in ordinary field culture. Each, \$2.00.

**Jersey's Beacon**—Decorative. This dahlia has become a universal favorite. Some splendid blooms of this variety have been shown the past season. As an exhibition flower it has few equals in its color, but as a garden variety it is even more spectacular. The color is Chinese scarlet, with a paler reverse, giving it a two-toned effect. The flowers are large and globular in shape. Each, \$3.00.

**Jersey's Empress**—Decorative. Anthracene violet. The flowers, which are very large, have a pleasing formation. The petals are narrow and wavy. The flowers have great depth and good substance and have no tendency to burn or fade in the sun. Stiff good stems which hold the flowers well up above the foliage. Each, \$2.00.

**La Grosse Bete**—An enormous flower held straight upon long strong stems, color cerise self color, a strong grower and a splendid exhibition variety. Plants, each, \$1.25.

**Mrs. J. T. Scheepers**—Upon opening the flowers are a clear canary yellow which gradually change to a beautiful shade of pink suffusion on the outer petals, a beauty. Plants, each, \$1.00.

**Trentonian**—Large perfect Decorative. The color is in bronze tones (Indian's skin color). A flower of marvelous brilliancy, splendid grower and free bloomer. One of the most talked of Dahlias in the "Largest Class." Plants, each, \$2.00.



Trentonian



## (Aristocrat Specials Continued)

**Jessie K. Prescott**—Decorative. Nature is so lavish in her use of colors in many of the new dahlias it is impossible to give some of them justice in descriptions. This decorative is one of them. The color is a deep orange at the center, gradually shading to a creamy orange on the rows of outer petals. The formation is unusual as the long narrow petals have an inclination to roll backward. The tall bushes are branching and productive of masses of splendid flowers with exceptionally long good stems. Each, \$1.50.

**Miss Atlantic City**—H. Decorative. Very artistic, with long tapered petals which curve back toward the stem. Color, lilac rose, suffused reddish golden bronze. Fine tall grower; prolific bloomer, early until frost. Best of stems. Each, \$2.00.

**Miss Bridgeton**—Decorative. Deep pink enormous flower, with a suffusion of violet. Vigorous grower; long stiff stem. Has been awarded many prizes. This dahlia should be grown in every garden. One of the best for general use. Each, \$2.50.

**Rose Fallon**—Decorative. Most wonderful flower of enormous size, held erect on straight long strong stems. The magnificent bloom is a beautiful color of deep old gold of the finest type. It is without question one of the finest varieties for a dahlia collection. Each, \$3.50.

**Margaret Masson**—Decorative. This dahlia is getting more popular every year. Color, a beautiful silvery rose-pink. Flowers of great depth and size held erect on the best of long stiff stems. Wonderful exhibition variety. Classified as one of the "Five best dahlias on the market." Each, \$3.50.

**Margaret Woodrow Wilson**—Decorative. This variety is an exhibition type of large size and great beauty. Color is opalescent pink. Face of petals creamy white; reverse, phlox-pink. Strong upright stems and dark green foliage. Medium height. Each \$4.00.

**Herald Tribune Elite**—Decorative. No dahlia collection is complete without this variety. Blooms are very large and full. Color is a rich pure white. Wonderful keeping qualities. Extra fine strong stems. Plants are thrifty growers. Each, \$3.00.

## OUR NORTHWESTERN GEMS



Ballet Girl

**W. H. Slocombe**—(Decorative)—A fine large flower of a beautiful canary yellow, shading to deep yellow toward the center. A very free and continuous bloomer, with flowers carried well above the foliage—should be in every collection. Each, postpaid, 75c.

**Bashful Giant**—(Decorative)—A gigantic bloom where size is one of the requisites for exhibition. Also of great merit for its beautiful colorings—being apricot with golden shadings—flowers produced on good stout stems. Each, postpaid, \$1.00.

**Beatrice Slocombe**—(Decorative)—A very well built flower of large size. It is an early, continuous and abundant bloomer which makes an ideal garden variety and is highly recommended. The combination of color is very attractive being a very rich carmine red, blending to old gold and yellow, each petal tipped with gold, making it a most unique and attractive color combination and one that is sure to please. Each, postpaid, \$1.00.

**Elizabeth Slocombe**—(Decorative)—The largest and very best of its color. Its gigantic flowers are produced on exceptionally long stems as stiff as canes, making it a much desired exhibition variety, and equally desirable for cutting. Very vigorous in growth. In color a rich, brilliant purplish garnet in opening, and as the flower matures it fades to an exquisite shade of garnet. Unsurpassed for garden purposes. Each, postpaid, 75c.

**J. L. Childs**—(Decorative)—Picture a yellow, heavily suffused blossom splashed and striped with brilliant deep scarlet, and generally tipped white—and you have this very attractive variety. A flower of immense size produced on long stiff stems. Most desirable for exhibition purposes. Each postpaid, 75c.

**Mrs. John L. Emerson**—(Decorative)—A favorite garden and exhibition variety that will produce six to eight inch flowers throughout the season. In color a beautiful light golden yellow overlaid carmine red. One of the largest and most attractive decorative Dahlias grown. Each, postpaid, \$1.50.

One each of the above nine varieties, all for \$6.50.

## SHOW AND DECORATIVE TYPES

**Millionaire**—Gold medal decorative dahlia of the daintiest coloring—most delicate lavender with a faint pink cast overshadowing it. The immense flower of unusual depth, stands erect on its stems. One of the very largest dahlias grown. Each \$1.00 postpaid.

**Judge Marean**—Decorative, very large flower of perfect type and difficult to describe, produced on strong stiff stems, a blending of glowing salmon pink, red, iridescent orange, yellow, and pure gold. One of the most beautiful dahlias ever created and should be in every garden. Each, 1.50 postpaid.



The Grizzly

**Mrs. I. De Ver Warner**—Decorative. A blossom of soft orchid coloring seldom appearing in the dahlia family. For its charming color, large blossoms and for its very long strong wiry stems this variety immediately attracts attention wherever grown or exhibited. Acknowledged by dahlia experts to be one of the finest dahlias ever produced. Very free bloomer. Each \$1.25 postpaid.

**Paul Michel or California Gold**—A pure gold or deep orange buff colored—decorative of immense size, some blooms averaging 11½ inches in diameter. Very profuse bloomer and fine for exhibition or garden. Won certificate of highest award in California dahlia trials. Each postpaid \$1.00.

**The Grizzly**—Decorative. The richest deep velvety maroon dahlia yet produced. Very vigorous grower and the very large stately blooms are held high above the foliage on extra stout stems. Every grower should have this aristocrat of dahlias. Each 75c postpaid.

**Polar Bear (Decorative)**—Pure white, the waxy flowers of great size and perfect form, borne very freely on good long stems; long lasting quality, either on the plant or in water. We call this the finest white Dahlia for practical cutting, we have ever offered. Each postpaid \$1.00.

**Elsie Burgess**—One of the very best. Free flowering, producing great masses of blooms on stiff stems. Color—delicate white tipped with lavender. Each postpaid 40c.

**Le Grand Manitou**—A gigantic flower of white, striped and splashed with reddish violet. The largest decorative Dahlia. Each postpaid 35c.

**Lucy Fawcett (Fancy Show)**—Large, full, heavy, with well-opened quills. Pale straw color, indefinitely dusted and splashed with tender rose to carmine. Not a new variety, but one of the most persistent of the fancy sorts. Each postpaid 40c.

**Purple Manitou**—A very fine well-shaped flower with good stems and an excellent bloomer. Each postpaid 50c.

**Queen Mary**—Soft rose pink with a silvery sheen. One of the best for cut flowers, with long stems. Each postpaid 40c.

**Stradella**—Rich deep purple crimson. Very free flowering with long stems. Each postpaid 35c.

**Delice**—A warm tone of lilaceous pink overlaid on white, the full center shaded a deeper hue and each petal point just nipped with silver. Each postpaid 40c.

**A. D. Livoni**—Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends. New kinds come and old kinds go, but Livoni can never be spared from a Dahlia list selected for popular cut flowers. Each, postpaid, 40c.

## TWO DAHLIAS THAT SHOULD BE IN EVERY GARDEN

**Mina Bungle**—Rich, luminous dark scarlet, strongly upheld. Unusually free and continuous bloomer. Claimed by many cataloguers to be their best red dahlia.

**Jack Rose**—A fine dark red. Very free bloomer and good for cut flowers. Each, 50c.

Collection of one of each of the above 16 varieties, all for \$8.00.



Beatrice Slocombe



**CACTUS DAHLIAS**

These are of a lighter formation and much used for cut flowers. The peculiar open formation of the Cactus Dahlia lend themselves wonderfully well to combinations, when used as cut flowers.



Attraction—Cactus Type

**Attraction (Hybrid Cactus)**—Entirely distinct. Immense, formal flowers with broad petals coming abruptly to a point, color a beautiful lilac-mauve. Stems are very heavy, and the flowers held rigidly upright. Although of delicate color, this is one of the most striking varieties we grow; popular with both men and women. Each, postpaid, \$1.00.

**Countess of Lonsdale**—A very popular variety. Longest season and freest bloom of any Cactus type; flowers very large, complete and perfect. Color exquisite blending of amber and salmon-pink. Each, postpaid, 45c.

**George Walters**—Cactus. A wonderful hybrid cactus dahlia, gigantic in size and one of the finest on the market. Its flower is a beautiful shade of salmon pink artistically blending to old gold, a strong sturdy grower of fine form and substance, desirable either for exhibition, garden or cut flower purposes. Each, postpaid, 75c.



Dahlia—Elsie Burgess—(Decorative Type)



Le Grand Manitou—See Page 9

**POM POM DAHLIAS**

The Pom Pom Dahlias are small flowered Dahlias, usually of the Show Type of flower, and are exceedingly floriferous. They are generally borne on long strong stems, and are splendid subjects for cut flower purposes, lending themselves admirably to almost any arrangement. Every flower lover who wants cut flowers should have some of these in their garden collection.

**Bobby**—Plum color. One of the best. Each, postpaid, 40c.

**Snow Clad**—A small pure white of great beauty. Each, postpaid, 40c.

**Golden Gem**—Bright Yellow. Each, postpaid, 35c.

**Norma**—A bright orange buff, a little larger than the usual pompon. Grows about two and a half feet high. Very free bloomer. Each, postpaid, 50c.

**DAHLIA SEED**

Dahlias are more frequently raised from tubers than from seed. Yet it is very interesting to grow them from seedlings for there is always the chance of getting something novel and distinct among them. Start the seed indoors in pots or boxes during March or early April and set out after all danger of frost is past. Seeds may be sown outdoors in May. Watch carefully for slugs and small snails as these will ruin hundreds in a single night.

**SPECIAL DAHLIA COLLECTION**

All Standard Varieties

A Garden Full of Dahlias. Twenty different varieties of Dahlias, all high class stock that cannot be surpassed. A real bargain.

Collection, \$5.00 postpaid.



Elizabeth Sloumbe



DECORATED JAPANESE TUBS



We make a special-ty of Decorative Japanese Tubs filled with a combination of suitable plants and vines which aid materially in decorating garden, porch, and walk. These tubs are also suitable for cemetery use. Filled to suit your particular taste from \$5.00 to \$7.50. Express extra.

EMPTY JAPANESE TUBS

We can supply these tubs at \$1.50 each.

The above cut represents a \$7.50 tub complete

DRACENAS

- Indivisa**—This variety is used extensively as a center plant for vases, porch and window boxes, etc. It stands full exposure in the sun and its long, narrow, graceful green foliage contrasts beautifully with other plants. Each, postpaid, 65c and \$1.25.
- Wolsley**—One of the very finest highly colored varieties, having deep bronze and red broad foliage. An ideal house plant especially useful for winter decorations. Each, postpaid, \$2.00.
- Terminalis**—Ribbon like leaves of richest shades and colors. Enjoys the sun and excellent for baskets, vases and boxes. Each, postpaid, \$2.00.

BELLIS PERENNIS—English Daisy



Daisies

Like Pansies—the Daisies for beds or borders in the garden or cemetery are very much in demand. Blooming plants in pink or white ready May 1st.  
Dozen (Postpaid) .....75c

FERNS

We devote two entire houses to the growing of ferns, the most popular house plants in cultivation and have at all times a good stock of the very best growing varieties. Ferns are indispensable in almost any scheme of plant decorations for house, window or conservatory. Either alone or scattered among other plants and flowers they work wonders in giving the house interior a refreshing, cheerful appearance. We make a specialty of these plants in suitable gift sizes and annually send out thousands for our patrons. If you are planning on a fern for a friend just tell us the amount you wish to spend and you can rely on our sending a plant that will be a joy to them and a credit to ourselves.



Adiantum Cuneatum

- Adiantum Cuneatum**—The True Maiden Hair Fern. One of the most handsome Ferns in existence, and well known from its great use in bridal bouquets.
- Adiantum Hybridum**—One of the more recent Maiden Hair Ferns. Much superior to Cuneatum, having larger and finer fronds and a much stronger grower.
- Adiantum Concium**—One of the strongest and largest of the Maiden Hair family. Splendid habit.
- Aspidium Tussimense**—A great favorite for Fern Dishes and one of the best.
- Any of the above, each, postpaid .....25c and 50c  
Larger plants of any of the above varieties, postpaid, ..\$1.00



Nephrolepis Elegantissima

- Nephrolepis Elegantissima (The Tarrytown)**—One of the family of fancy Bostons. Grows very compact with fronds wider at the base than the regular Bostons and of a more fluffy character.
- Nephrolepis Whitmani (Ostrich Plume Fern)**—Unquestionably a valuable Fern of its type. They are graceful beyond description, feathery, plummy and nothing describes them better than Ostrich Plume.
- Nephrolepis Norwood**—A new plumed type, very handsome, of a compact and symmetrical habit of growth. This beautiful fern is destined to become one of the most popular of the plumed forms originating from the well known Boston Fern, and is of easy house culture. A vigorous healthy grower.

Prices of any of the above Three Ferns	
3 inch pot, postpaid .....	\$ .35
4 inch pot, postpaid .....	.75
5 inch pot, postpaid .....	1.50



## FERNS—Continued.



Boston Fern

**Nephrolepis Bostoniensis**—(Boston Fern)—This is the general favorite with all lovers of house Ferns. More plants of this have been sold than of any other one variety, and the demand is still increasing. To meet the constant demand for plants suitable for presentation to friends, we have a "SPECIAL" in this type.

## Prices of the above Ferns

3 inch pot, postpaid .....	\$ .35
4 inch pot, postpaid .....	.75
5 inch pot, postpaid .....	1.50
6 inch pot, postpaid .....	2.00

In addition to the above we have some exceptional plants suitable for gift purposes at \$2.50, \$5.00 and \$7.50.

**Pteris Tremula**—Commonly called "Lace Fern." This is one of the best known of the family, and the strongest grower, the fronds on a well developed specimen often attaining a length of three feet, of a brilliant shade of green. Succeeds well everywhere as a house plant. Each from 2½ inch pots, postpaid 40c; from 3 inch pots, postpaid 50c; from 5 inch pots, postpaid, \$1.25; from 6 inch pots, postpaid, \$2.00.

**Polypodium Aureum**—(Rabbits Foot Fern)—An old favorite, of very easy culture, tall growing and very graceful.

Each, postpaid .....	65c
The larger sizes by express only....	\$1.00 and \$2.00

## FERNS FOR DISHES

We have a good stock of all of the following classified list of ferns especially suitable for fern dishes, jardinières, etc., and which are best for the home and are the most easily grown.

**Pteris Argyrea**—The Pteris are among the easiest grown house ferns, and the wonderful range of variegated foliage and form render them invaluable. Pteris Argyrea is of a dwarf habit with fronds prettily decorated with white.

**Pteris Victoriae**—This is considered by many to be the handsomest of the Pteris. The fronds are rich deep green. It is a vigorous and healthy grower.

**Pteris Hastata**—A very unique and pretty variety of this popular fern family.

**Pteris Multiceps**—One of the most strikingly variegated forms of the Pteris family.

**Pteris Alexandrae**—A very handsome variegated Pteris, of dwarf habit.

**Pteris Rivertoniana**—A very distinct and valuable type of crested Pteris.

**Pteris Wilsonii**—A beautiful variety of dwarf habit, bearing crested fronds. Very compact growth.

**Pteris Mayli**—A peculiar variegated dwarf type with large pinnae and green foliage.

**Pteris Wimsettii**—A very pretty green foliaged and crested Pteris.

## Prices of above Ferns

3 inch postpaid .....	35c
4 inch postpaid .....	75c

## FERNS—HOLLY FERNS

**Cyrtomium Falcatum**—The popular Holly Fern. Very suitable for Fern Dishes and makes a perfect specimen plant. The leaves are thick and a beautiful holly-green color.

Each (Postpaid) .....30c, 50c, \$1.00, \$1.85

**Cyrtomium Rockfordianum**—The Improved Holly Fern. The leaves are pointed and notched, resembling very closely the Holly leaves. A splendid fern for the house.

Each (Postpaid) .....30c, 45c, 90c and \$1.75

ASPARAGUS FERNS—See Page 4.

## HARDY FERNS

We can supply these—Native Ferns—in good plants at 50c, 75c and \$1.00 each. These are splendid plants for a shady place—or nook or rock-work, where they do not receive too much strong sunlight, and are assured of sufficient moisture in the growing season. The plants we offer are gathered from the slopes of the Great Divide of the Rocky Mountains.



One of Our Houses of Ferns and Palms



FUCHSIAS

— A favorite with our grandmothers and a favorite still. Their color combinations are wonderful, and their easy culture and free flowering proclivities make them exceptional sellers both for Summer and Winter blooming. We can highly recommend all of the following listed below.



Fuchsia—Trailing Queen

- Duchess of Albany—Maroon corolla with light pink petals. Very free flowering.
  - Elm City—Calyx cochineal red with single corolla of a deeper purple red. Very free bloomer. One of the best of the Fuchsia family.
  - Trailing Queen—A handsome trailing type exceedingly floriferous with purple corolla and flesh colored tube and sepals. A most effective plant for hanging baskets and window boxes.
  - Black Prince—Red, single.
  - Chas. Blanc—Deep red with rose, single.
  - Lustre—White and scarlet, single.
  - Mrs. E. G. Hill—White and red.
  - Trophee—Double purple corolla, crimson tube and sepals.
  - Little Beauty—Beautiful red sepals with purple corolla, single.
  - Lord Byron—Single variety, superb shades of red and deep purple.
  - Turner—Very red sepals with light purple corolla.
  - Speciosa—Single, with pink sepals and red corolla.
- |                                |             |
|--------------------------------|-------------|
| Each, postpaid .....           | 30c         |
| Larger Plants, postpaid, ..... | 50c and 75c |



Black Prince

Fuchsia collection—Any ten of the above varieties, postpaid, \$2.25

FEVERFEW

Dainty milk-white double spherical flowers. Very free flowering and blooms from Spring until Fall. Excellent as a bedding plant and good for cutting. An old time favorite Each 20c postpaid.

FICUS—Rubber Plant



- Elastica (India Rubber Tree)—This is the old reliable thick leaved variety—the substantial house plant, which under the most trying circumstances has served its purpose. Its foliage of a beautiful dark green, shiny appearance, being always handsome and striking. Each 75c and \$1.50.
- Repens—Directly opposed in character to the upright growing varieties being really a creeping or trailing vine. It is extremely useful and ornamental for covering stone or wooden conservatory walls which it will do in a short space of time. Each, postpaid, 50c.

FOR-GET-ME-NOT—Myosotis

- Susanne—Of recent introduction. A great improvement on the older varieties, being earlier and a very prolific bloomer. Postpaid, each .....25c; doz., \$1.75

GENISTA RACEMOSA

Round, dense foliage. Flowers are very small, pea shaped, borne in close racemes. When in full bloom the entire plant is a solid ball of the brightest yellow, emitting a delicious lemon fragrance. Very popular for Easter decorations and will continue in bloom about four weeks. 3 inch pot plants, each, postpaid, 40c. 4 inch pot plants, each, postpaid, 60c.

GREVILLEA OR SILK OAK

A beautiful plant for decorative purposes of quick growth and easy culture. Foliage fern-like and graceful. Each, postpaid 50c and \$1.00.



A Street Scene in Fort Benton, Montana, Showing Native Cottonwoods, One of Our Best Shade Trees. See Tree Section



## GERANIUMS

Geraniums are of so much value as flowering decorative plants practically through the entire year that they commend themselves to all who possess a garden and who enjoy the exquisite stretches of color obtainable from them. There are few plants grown which offer such an uninterrupted display of bloom over an extended period. Owing to their clean growth they are not surpassed for general house use and as they come in such a variety of colors it is always possible to have a good display. The newer and improved types are exceptionally fine and where given just ordinary attention may be depended upon to give plenty of color for most of the year. All the varieties listed will be found to do well under our climatic conditions.

### OUR GERANIUM SPECIALS

**Red Barney**—Of all red geraniums, old or new, this variety stands out in bold relief. It has broad, velvety, distinct foliage and vigorous habit—a full large round truss of double petals—a crimson and more brilliant red than S. A. Nutt—an incessant, extravagant bloomer, sun resisting and long keeping.

**Pink Barney**—An excellent pink having all the outstanding features of the Red Barney. Both varieties are excellent for bedding purposes and ideal for hanging baskets and porch boxes.

**Beautie Poitevine**—A beautiful type of semi-double geranium. Exquisite salmon pink flowers, the very best of its color. A variety that does remarkably well in Montana.

Each 3 inch pot .....40c postpaid  
Each 4 inch pot .....60c postpaid

Collection—One of each of the above three—3 inch plants for.....\$1.05 postpaid  
Collection—One of each of the above three—4 inch plants for .....\$1.50 postpaid



Specimen 3 inch Pot

### IVY LEAVED GERANIUMS (See Opposite Page)

This class of Geraniums is rapidly growing in popularity and never fails to please those who desire a really valuable window plant. They are very free bloomers, and lend themselves splendidly to house culture.

**James Atfield**—Large pink double flowers, very fine.

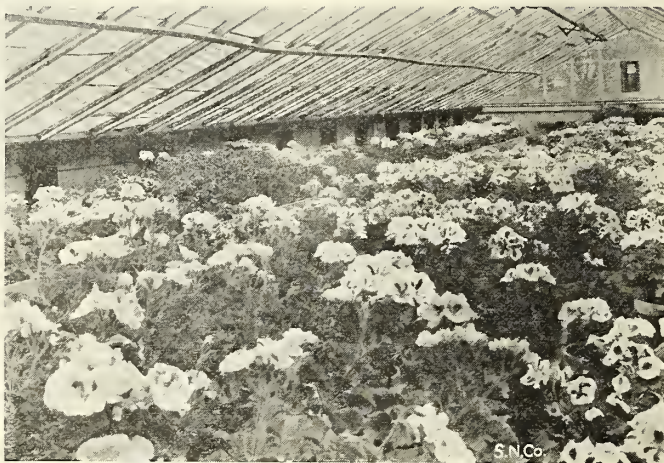
**Pierre Crozy**—A single free bloomer of intense scarlet.

**Leopard**—Lavender pink dotted with crimson.

**Souvenir de Chas. Turner**—Deep bright pink.

**Achievement**—Rose with white eye.

**Wm. Tracy**—Double, light pink, a rather short habit of growth, very fine.



A Glimpse in One of Our Pelargonium Houses

### VARIEGATED GERANIUMS

**Happy Thought**—Leaves yellow, center bordered with green. Flowers rose.

**Madame Sallerai**—Bushy variety, used for borders, goes well with Lobelia. Foliage green and white.

**Mountain of Snow**—Fine foliage variety, silver edge, flowers red.

**Mrs. Pollock**—Foliage yellow, green and red variegation. Flowers red.

### SCENTED GERANIUMS

**Balm**—The well known large foliaged rose scented geranium.

**Lemon**—The small foliaged old-fashioned Lemon Geranium, very fragrant.

**Rose-Scented Geranium**—Very popular. Flowers pink.

**Apple Blossom Geranium**—A variety in great demand for its peculiar and refreshing apple blossom perfume.



Specimen 4 inch Pot

### STANDARD VARIETIES (Double)

**Helen Michell**—An introduction of great merit. It is a semi-double, of a clear scarlet color, with very large florets and truss. Foliage a lustrous green, of a bushy compact habit of growth. Very early and free bloomer.

**Alphonse Ricard**—Light scarlet.

**E. H. Trego**—Beautiful dazzling scarlet.

**La Favorite**—White, one of the best.

**Louis Madeline**—A deep pleasing rose color.

**Marquis de Castellaine**—Crimson, with immense trusses of bloom.

**El. Jules Dispot**—Combination of red, violet and lilac, quite dark.

**S. A. Nutt**—Dark crimson, the best bedder of all. A great demand for this every year.

**Jean Viaud**—Grand pink bedder.

**Madonna**—Snow white, good bedder.

**M. Paul Blondeau**—Bright rose, very large flower.

**Mrs. R. Gloide**—A semi-double—with bright deep pink flowers. The trusses and florets are very large, and very free flowering. A most desirable addition.

### SINGLE VARIETIES

**Col. Gillan**—Bright scarlet maroon, markings very brilliant.

**Gen. Wolseley**—Rosy scarlet, showy and effective.

**Mme. P. Morlan**—Rosy salmon, free bloomer.

**Sentinel**—Dark crimson, round flowers.

**Scaramouche**—Salmon, shading to white at top of petals.

**Vera Oulianesk**—White, clear, round, perfect flowers.

**Yvette Frost**—Rosy pink, fine for cutting or window boxes.

### PRICES OF GERANIUMS—SINGLE OR DOUBLE

From 3 inch pots, each.....30c postpaid; doz.....\$2.50  
From 4 inch pots, each.....50c postpaid; doz..... 5.00  
From 5 inch pots, each.....75c postpaid; doz..... 7.50

### ANY 6 AT THE DOZEN RATE

Extra large plants of these varieties from 5 and 6 inch pots postpaid \$1.00 and \$1.50.  
We reserve the right to send either by express or parcel post.





Ivy Leaved Geranium

Remember that our collection of Geraniums is the largest in the Northwest. We devote several greenhouses to the culture of these plants in their several types, and add new varieties to our list as we find them worthy after trial.



PELARGONIUM—Easter Greeting

## PELARGONIUMS—Martha Washington Geraniums

**Easter Greeting**—One of the most desirable plants of this class that can be grown. Its flowers, which are borne in great profusion from March until late fall, are a fiery amaranth red, each petal bearing a blotch of deep brown or black and very large, often measuring from two to three inches in diameter. It is of a very compact and bushy habit, and of easy house culture. It is nearly impossible to say too much in recommendation of "Easter Greeting." Wherever a plant is desired for the house that will bloom continuously throughout the summer, no mistake will be made by selecting "Easter Greeting" for the purpose. Our plants are unusually fine and healthy, and cannot fail to please.



Gardeners' Joy

**Eastern Star**—A light salmon color, with five large reddish brown spots. Has a long period of bloom, and is a dwarf compact grower.

**Lavender Gem**—Another of the Easter Greeting type, with beautiful lavender pink flowers.

**Mons. Herzog**—Reddish pink.

**Crimson King**—Intense crimson, free flowering.

Billings, Mont., Oct. 20, 1927.

Gentlemen: I have bought seeds and plants from you for the past ten years and have never been disappointed yet. I always recommend you whenever I can.

Yours truly,  
MRS. A. F. S.



Mons Herzog

**Princess May**—Very light pink.

**W. C. Boyce**—A beautiful shade of salmon.

**Madam Loyal**—(The Fanny Geranium)—This is another of these plants which were favorites with our grandmothers, and is rapidly coming into another well deserved reign of popularity. Of the most easy house culture and a most profuse bloomer.



Princess May

### PRICES OF PELARGONIUMS

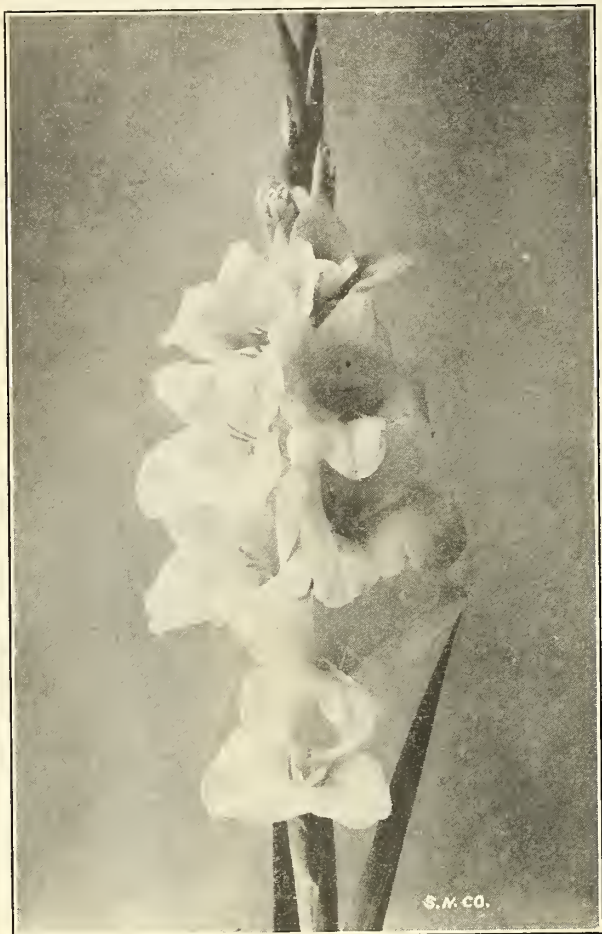
Each, from 3 inch pots	30c
Each, from 4 inch pots	45c and 60c
Each, from 5 and 6 inch pots	75c to \$1.50
Specimen plants, large sizes	\$2.00 and \$2.50

There is no charge to the customer in addition to the catalog price of plants for delivery to your nearest post office or express station.



## S. N. & S. CO'S PEERLESS GLADIOLUS BULBS

There is no other Summer flowering bulb that is enjoying so great popularity as that of the Gladiolus. Their adaptability to garden decoration or to use as cut flowers during the Summer and early Autumn is surpassed by no other flower. They are not only showy in the garden but when cut with the first flower open, will last for 10 days in the house. They thrive in almost any good garden soil but better results may be had if soil is well prepared and enriched with some of our pulverized manures. Great improvements have been made in the size, color and beauty of these flowers. Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and 6 inches apart. In the fall before frost, the bulbs should be lifted and the stems cut off. Place the bulbs in a cellar or some place away from the frost until planting time in the spring.



Gladiolus—Golden Measure

**America**—One of the best Gladiolus in existence. The color is a beautiful flesh pink, tinged with lavender. The flowers are of the largest size, the petals are round, thick and strong, and will last a long time after being cut. A very free bloomer. 8c each; doz. 75c; per 100, \$5.00.

**Halley**—A very large well expanded flower of a lovely salmon pink, blotched yellow, with carmine markings. 8c each; doz. 75c; 100, \$5.00.

**Louise**—The lavender queen among gladiolas. Beautiful shade of lavender growing lighter towards the center. Extra fine. Each 15c, doz. \$1.50; 100, \$10.50.

**Le Marechal Foch**—One of the most wonderful novelties; flowers of immense size and well opened; color, rose pink, flaked and striped deeper at edges of petals. It is a most unusual and striking flower and is universally admired. 10c each; doz. \$1.00, 100, \$7.50.

**Mrs. Francis King**—A most beautiful flame pink, Immense flowers on a spike growing 4 feet high, with from 18 to 20 flowers, 6 to 8 being open at one time; a popular variety on account of its attractive color. One of the most exquisitely colored and formed Gladiolus in our list. 8c each; doz. 75c; per 100, \$5.00.

**Peace**—A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows enormous flowers, well placed all along the stem. 10c each; doz. \$1.00; 100, \$7.50.

**Anna Eberius**—An extra fine variety; color rich velvety purple with a deep purplish red blotch on the lower petals; flowers large, on long spikes, 10c each; Doz. \$1.00; 100, \$7.50.

**Byron L. Smith**—Delicate lavender deepest at the edges of the petals and shading towards white in the center; gives the impression of an orchid—a real gem. 15c Each; doz. \$1.50, per 100, \$10.50.

**Crimson Glow**—One of the best scarlet varieties, throat overlaid with a velvety scarlet blotch. Large wide open flowers with enough open at a time to make it attractive; good form and keeps well as a cut flower. 15c each; doz. \$1.50; 100, \$10.50.

**E. J. Shaylor**—A tall strong growing variety with large flowers; color, a beautiful shade of pure deep rose-pink with well ruffled edges; one of the best of its color, 12c each; doz. \$1.00; 100, \$7.50.

**Fair Columbian**—Mallow purple, shading lighter in throat; a magnificent flower produced on tall, stately spikes, many blooms opening at one time. Excellent for forcing, flowering very early. 15c each; doz. \$1.50; 100, \$10.50.

**Golden Measure**—Tall spike with many large, pure golden yellow flowers; several of the flowers are in bloom at one time; a winner at exhibitions. 15c each; doz. \$1.50; 100, \$10.50.

**Mary Pickford**—Delicate creamy white, throat finest sulphur yellow; very distinct and beautiful. 12c each; doz \$1.15; 100, \$8.50.

**Mrs. Dr. Norton**—Very large flowers well set on a tall and graceful spike with 4 to 8 flowers in bloom at one time. Color, white, with edges of petals suffused with soft La France pink; tall grower; splendid cut flower variety. 12c each; doz. \$1.15; per 100, \$8.50.

**Souvenir**—Pure canary yellow—very much admired. The best yellow of all Gladiolas—large, beautifully shaped flowers on good stems. 10c each; doz. \$1.05; per 100 \$7.75.

**Scarlano**—Scarlet blotched ox-blood red in throat; beautifully ruffled; a fine acquisition. 15c each; doz. \$1.50; 100 \$10.50.

### S. N. & S. Co's COLLECTION

1 each of above 10 varieties, 10 bulbs .....	\$1.10
3 each of above 10 varieties, 30 bulbs .....	3.00

**Prince of Wales**—Beautiful salmon pink; flowers large and well placed; an early flowering sort. 10c each; doz. \$1.00; per 100, \$7.50.

**Pink Perfection**—Rose pink, with 8 to 10 flowers open at one time. The large flowers are well expanded and of perfect form. 15c each; doz. \$1.50; per 100, \$10.50.

**Rose Ash**—The blooms are a soft light rose suffused with an elusive combination of gray, blue and yellow, combining into an iridescent gray; gracefully placed on strong stems. 15c each; doz. \$1.50; 100 for \$10.50.

**Virginia**—An exquisite flaming scarlet, large massive flowers, many open at a time, making a gorgeous display of dazzling red. Won first prize at the American Gladiolus Society's show. 10c each; per doz. \$1.20; per 100, \$8.50.

Collection of Gladiolas, one each of the  
Twenty Varieties Listed, \$2.00

### GIANT FLOWERING GLADIOLUS MIXTURE

A mixture of the best Giant Flowered sorts in a wide range of shades and colors, and includes many named varieties of special merit. One of the most satisfactory mixtures of Gladioli obtainable and one that is sure to give satisfaction. Doz. 60c; 50, \$2.50; 100, \$4.50.

**ALL GLADIOLUS BULBS ARE POSTPAID**





Miss Lingard Phlox



Theresa Peony



*Phlox-Elizabeth Campbell*



Felix Crousse Peony

For Descriptions See  
Pages 30-33-37





Columbus



Waneta Plum



Cherry Currant



Progressive Strawberry



Gregg Raspberry

For Descriptions See  
Pages 47 and 48



Alpha Grape



HANGING BASKETS



Specimen Wire Hanging Basket Filled  
\$2.50, \$3.50, \$5.00 and \$7.50



Specimen Porous Pottery Hanging  
Basket Filled With Ferns.

POROUS POTTERY  
HANGING BASKETS

Hanging porous pottery  
baskets are rapidly becoming  
more popular, owing to  
the fact that they hold  
moisture much longer, than  
the moss lined wire baskets,  
and are much more durable.  
We can supply these in 7  
inch, 8 inch and 10 inch  
sizes. These pottery bas-  
kets are supplied with at-  
tached saucers to eliminate  
dripping.

Empty, each, 7 inch, \$1.25;  
8 inch \$1.50; 10 inch \$1.75.  
Filled, each, 7 inch, \$2.50;  
8 inch \$3.50; 10 inch \$4.50.

HELIOTROPE



Heliotrope will succeed in or out of doors. Their exquisite  
perfume makes them a favorite everywhere.  
**Centifleur**—One of the newer forms of medium lavender color,  
with enormous heads of bloom.  
**Elizabeth Dennison**—A very compact large flowered form almost  
violet in color.  
**Florence Nightingale**—A lavender colored type, very floriferous.  
**PRICES OF HELIOTROPE**  
Each (Postpaid) .....30c, 40c, 60c

HIBISCUS

Well known Evergreen tender shrub which may be grown either  
in a pot or tub, or planted out during the summer. They flower  
freely during the Summer and in the Winter if kept in a  
light sunny position in the house. In salmon, light rose, scarlet  
and soft pink. Each, postpaid, 50c.  
Set of four, all different, postpaid, \$1.75  
Special, Larger sizes at \$1.00 each.

HYDRANGEA



In this climate Hydrangeas are best known as decorative  
flowering plants for Easter decoration, but they are becoming  
more popular each year for use on porch, lawn, or garden dur-  
ing the summer. Our Hydrangeas are of the new French Types  
and are of easy culture.  
During the winter the plants should be kept in a cool light  
cellar or similar place and kept as cool as possible without  
freezing. Only enough water supplied to keep the roots from  
drying out.  
Colors are pink, blue and white. Season is April to June.  
Prices, fine plants in blossom, \$1.50 to \$3.00. Larger specimen  
plants up to \$10.00.

HOYA CARNOSA—Wax Plant

An old time favorite indoor climber, bearing trusses of flesh  
colored star shaped, wax-like flowers. Rich green foliage. Each  
postpaid, 45c.

IMPATIENS SULTANI



A plant that should be in everybody's collection being almost  
continuously in bloom and of bright red color, which makes it  
the ideal table or window plant. Each, postpaid, 25c and 40c.



**IPOMEA—Moon Vine**

Season May to July

The well known Moon Climber. Flowers white and fragrant. Each, postpaid, 20c; doz., postpaid, \$2.00.

**IVY—Parlor**

A good vine for the window at all seasons, and in great demand as a vase, basket or window box plant in the summer. Each, postpaid, 25c.

**IVY—ENGLISH**

An invaluable evergreen climber for indoor purposes, a splendid plant for house trellis decoration. Not hardy in Montana. Each, postpaid, 50c.

**LANTANA**

One of the most attractive house plants, with a most brilliant range of colors, and extremely floriferous.

**Jacob Schultz**—Opens yellow and turns to a most intense oxblood red.

**Comtesse de Brencourt**—A fine pink.

**Delicatissima (Weeping Lantana)**—Rosy lavender flowers, very suitable for hanging baskets.

**Snowball**—Pure white.

Any of the above each, postpaid, 30c.

Collection of 4, postpaid \$1.10



Lantana

**LAVENDER**

**Lavendula Vera**—The true old fashioned lavender. Greatly admired for its delicious fragrance. In this section it is not hardy, and must be cared for indoors in winter. Each, postpaid 25c.

**LEMON VERBENA**—(See Aloysia, Page 3)

**LOBELIA**

The best of all for border plants, being low and covered with a mass of small blossoms. They thrive in almost any garden soil, but should be planted where they get the most moisture.

**Double Blue Kathleen Mallard**—Large double flowers of an intense blue, very desirable.

**Crystal Palace**—Deep blue; a splendid bedder.

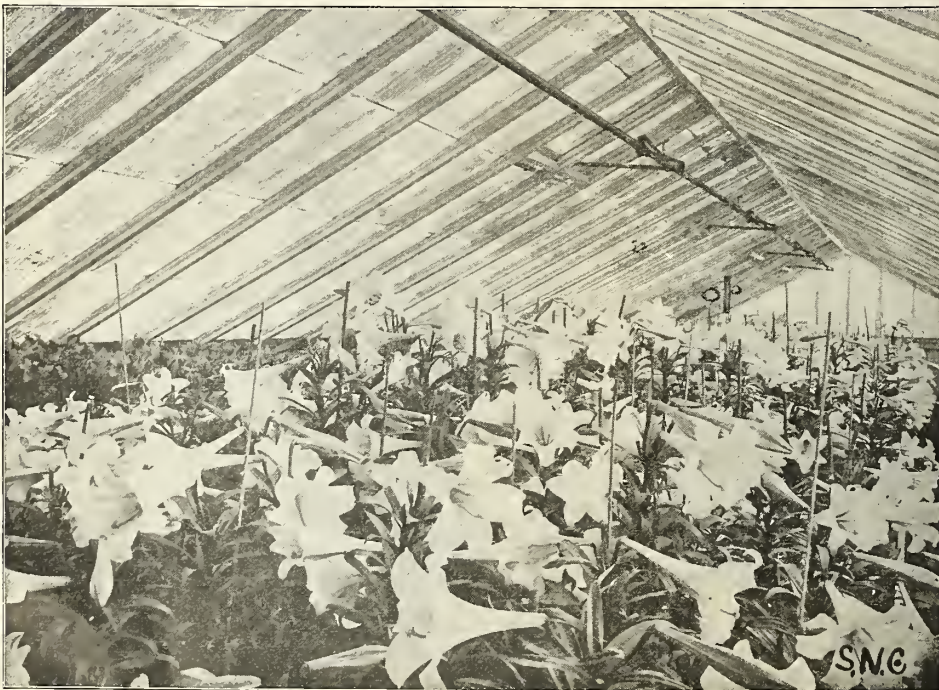
**White Gem**—A beauty. A very fitting companion to Crystal Palace.

Each, postpaid 10c; doz. postpaid, \$1.00.

**StimUplant**  
Makes a  
Wonder Garden

**EASTER LILIES**

**StimUplant**  
Makes a  
Wonder Garden



Partial View of one of our Easter Lily Houses

For this particular season we make a specialty of Easter Lilies which we grow by the thousands and at this time are prepared to ship in quantity to any part of this section. For individual home use and for church decoration no better flower can be chosen for of all pot plants they are the most stately. We are prepared to assist you in your choice of a lily for Easter Day and all orders will receive special attention and care in packing to assure arrival in good condition.

Each of fine foliage and flower \$1.50 to \$4.00.

**OUR EASTER LILY SPECIAL**

For this particular season we make a specialty of sending Easter Lilies to all parts

**\$2.50**

of the country. These are specially wrapped with your card attached and shipped by express prepaid to destination desired.



LILIES

(See Also Hardy Lilies, under Perennials)  
**Calla Elliottiana**—A beautiful member of the Calla family, with dark green foliage spotted with silvery white, and handsome yellow flowers. A splendid house plant of the easiest culture. Each, postpaid, \$1.00.  
**Calla Aethiopica**—Calla Lily or Lily of the Nile. A well known and justly a favorite window plant. Of very easy culture. Each, postpaid, \$1.00.  
**Calla—Little Godfrey**—A smaller type of later introduction and with its extremely free flowering habit, has proved wonderfully popular. Each, postpaid, 75c.  
**Lilium Gigantum**—The well known Easter Lily. Dormant bulbs in season (October and November). Bulbs, each, postpaid 50c.



Lilium Auratum

**L. Auratum**—The wonderful gold-banded Lily of Japan. Flowers will often, if well grown, measure ten inches in diameter, of a creamy white, spotted with crimson and striped with yellow. Extremely fragrant. Dormant bulbs (November to June). Each, postpaid, 50c.  
**L. Rubrum**—Another handsome lily and very largely grown for cut flowers. Of a very desirable pink freely sprinkled with deep crimson spots and markings, and reflexed petals. Dormant bulbs (November to June). Each, postpaid, 50c.

MADEIRA or Mignonette Vine

Very popular vine and a very rapid grower. Fleshy heart shaped leaves of light green producing numerous racemes of feathery white flowers of delicious fragrance. 3 inch only, each, postpaid, 35c.

Remember that all plant prices quoted in this catalog are prepaid prices.



Orchids at the Nursery

MARGUERITE



**Mrs. F. Sanders**—This variety has taken precedence over all others of its class. It is double, pure white, with long stemmed blooms often measuring five inches in diameter. Grown in enormous quantities for cut flowers, and a splendid keeper when cut.  
**Marguerite—Boston Yellow**—A magnificent golden Marguerite, with flowers from 3 to 5 inches in diameter. Greatly grown for cut flowers, having long strong stems.  
**White Marguerite—(Chrysanthemum Frutescens)**—This is the well known single Paris Daisy, and the best known of the family.  
**Mothers' Day Marguerite**—A new introduction—so named because of its dependable nature of early flowering—for Mothers' Day—the second Sunday in May. A splendid white Marguerite. Price of any of the above, each, postpaid 25c, 35c, 60c.

MONEYWORT—Lysimachia Nummularia

This is a splendid trailing vine, exceedingly well suited for hanging baskets and porch boxes. Its long stems often reach a length of two feet and are closely lined on two sides with small dark green foliage, and it is rarely that they ever lose the foliage near the plant, making it one of the best plants for this purpose. It is very hardy—a few degrees of frost not injuring it at all, and it will thrive under trees and in places where grass will not grow, making a veritable carpet of green. Each, postpaid 25c.

MOON VINE—(See Ipomea, Page 18)

OLEANDER



Oleander

An immensely popular plant. It is a large semi-double red, pink or white bloomer which can be kept growing in almost any situation during the whole year. Each, postpaid, 50c to \$2.00.

OXALIS

**Grand Duchess—(Pink)**—A very prolific flowering variety of easy growth. Fine house plant and especially good for hanging baskets. This is possibly found in more homes than any other plant. Plants, each, postpaid, 35c.



## OUR FAMOUS PANSIES



The little "flower faces" have inspired many flower lovers as well as poets. Shakespeare loved the Pansy, and they are great garden friends of all Europeans. During the past few years they have become favorites here also, and now there is scarcely a garden without its bed of Pansies.

We wish to particularly emphasize that we are the most extensive growers of these "favorites" in this section. We specialize only in the finest strains obtainable and our present stock is from the best European and American varieties. All plants sent out are clean, hardy, and of vigorous growth and after May 1st are either in bud or blossom. Do not confuse this stock with cheaper grades on the market, for all our plants come with a ball of earth and when planted out make an immediate showing. Our increasing trade in this branch warrants us in believing we are giving satisfaction.

### PRICES OF PANSIES

Mixed, per doz., postpaid 90c.  
Pansies can be supplied in separate colors:  
yellow, light and dark blue and white.

### PANS OF FERNS AND DECORATIVE PLANTS

These pans contain palms, ferns, coleus, begonias, etc., and are very attractive and the contents most lasting. Each, \$2.50 and \$3.00 by express.

## PETUNIAS

The steadily increasing use of porch and window boxes for decoration during the summer months is causing greater and greater demands for our superb petunias. No bedding plants can make a more pleasing display than petunias and none are freer blooming nor give a more continuous succession of blossoms than do these plants.

The Double varieties, Ruffled Monsters, and single Giant Fringed are especially beautiful in porch and window boxes, while the single varieties are very useful either for bedding or porch box use.



Single Petunias

### DOUBLE PETUNIAS

- Edna**—Pink mottled white.
- Guy**—A beautiful light pink.
- Jerome**—Purple with white edge.
- Snowball**—Finely fringed white.
- Talma**—Clear pink.

### SINGLE PETUNIAS

- Ruffled Monsters**—Prized for their exquisite markings and coloring. Greatly improved type equaling the orchid in beauty and coloring.
- Giant Fringed**—Mixed colors.
- Diener's Pink Glory**—One of the most handsome petunias for porch boxes and bedding purposes.
- Rosy Morn**—A splendid and favorite bedding variety.
- Blue Jay**—A real Royal Purple of recent introduction. A good companion to Rosy Morn.



Double Petunia

Prices: Each 3 inch, 25c; doz. \$2.50.  
Each, 4 inch, 40c; doz. \$3.75.



PALMS—(See Palms Page 23)

PANDANUS VEITCHII

A highly decorative plant with gracefully curved sword-like leaves which attain a length of about two feet. Foliage dark green in center margined creamy white. Of very easy culture and never troubled with insects. Each, postpaid 50c, \$1.00, \$1.50 and \$2.50.

PASSION FLOWER

Very beautiful. Flowers a light blue, suffused with rose and borne quite freely. Each, postpaid, 75c.

PHLOX, HARDY—(See Hardy Perennials)

PLATYCODON—Star of Bethlehem

Beautiful star-shaped white flowering plants of a trailing habit. Blossoms all summer when the plant is practically covered with blooms. Fine for hanging baskets, vases, etc. Each, postpaid, 25c and 50c.



PRIMULA MALACOIDES

This is the Baby Primrose. It bears masses of delicate lavender colored flowers in wild profusion, and deservedly ranks among the best of the fall and winter house plants. Blooming plants each, postpaid, 35c and 50c.



PRIMULA SINENSIS—Kelway's Prize Strain

Primula Sinensis—Chinese Primrose—This is a beautiful house plant, and like the preceding variety is a profuse winter bloomer. In colors of red, white and lavender. Good plants in bloom from November to March. From 4 inch pots, each, postpaid, 50c; from 5 inch pots, each, postpaid, 75c.

SALVIA—Scarlet Sage

More commonly called Scarlet Sage is without a doubt one of our most valuable summer bedding plants. Give it a sunny location, with well fertilized soil and sufficient water, and a bed of Salvia will well repay the outlay. Of easy culture—and rapid growth, they literally cover themselves with long, erect spikes of most brilliant scarlet flowers, borne well above the deep green foliage. A well grown bed of Salvia is literally a bed of fire. Each, postpaid 25c; doz., postpaid, \$2.50.

SAXIFRAGA SARAMENTOSA

Aaron's Beard—Mother of Thousands—or Strawberry Geranium This is a handsome plant of a wonderful trailing habit, with brightly variegated foliage. It is a splendid plant for small hanging baskets, of a real decorative value, that will thrive under most adverse conditions. Each, postpaid, 25c and 50c.



SANSEVIERIA ZEYLANICA

Commonly called "Zebra Plant" of very easy culture and a plant that will withstand dust and dry weather without injury. Its tall growing fleshy leaves are very attractive, being alternately barred green and white. Each, postpaid, 65c; larger plants, postpaid \$1.00.

SHAMROCK

The true small leaved Irish variety. Pots, each, postpaid 45c.



Zebra Plant

DO YOU TAKE GOOD CARE OF YOUR PLANTS

If your plants are not thriving as they should drop us a line. It is very likely that with our knowledge of the natural habits of the different plants and of the kind of growing conditions that each kind requires we can help you keep your plants in good health.



## STOCKS

One of the finest and most fragrant of plants which can be grown. Their free blooming habit and their long keeping qualities when cut, together with their beautiful range of colors make them a universal favorite with all flower lovers. We find that for best results it is necessary to grow these in pots. Dozen, postpaid, 90c.

## TRADESCANTIA—Wandering Jew



Tradescantia

Beautiful trailing vines having thick, waxy, lance-shaped foliage. One of the most used plants for hanging baskets and window boxes.

Three varieties:

1. Green foliage—very rapid grower.
2. Green foliage—striped with gold.
3. Green foliage—striped silver and red.

Each, postpaid, 25c; doz., postpaid \$2.50.

One each of the three varieties, postpaid 65c.

## TUBEROSES

One of the most delightfully fragrant and exquisite of all summer blooming plants. It is desirable to plant the bulbs as soon as the ground becomes warm. Our specialty is the Excelsior Double Pearl variety.

Each, postpaid, 15c; doz., postpaid, \$1.25.

## WALLFLOWERS

A very fragrant easily grown old favorite. The plants we offer this season are raised from the finest strains which have been developed by European specialists.

**Wallflower—Glory of East Prussia**—A very robust and sturdy grower, with fine foliage, producing enormous spikes of bloom of a reddish brown.

**Wallflower—Paris Market**—A beautiful variety which may be treated as an annual. Set out early in the spring and you will have flowers all summer.

Either variety from 3 inch pots, 25c; doz., postpaid \$2.25.

## VERBENAS

The Verbena without doubt is one of the most valuable bedding plants for use in the Northwest. They bloom continuously through the summer, and very often after the first frosts of fall. Their free flowering proclivities, and brilliant shades of coloring render them attractive to every lover of summer flowers in the garden.

**Verbena—Oxford Beauty**—This is a very large flowered clear pink variety.

Other colors—Scarlet, pink, white, blue shades, purple, white and striped.

Each, postpaid 20c; Doz., \$1.75.

## VINCA

(See Japanese Tubs, Page 11)

This is without a peer as a decorative vine for porch boxes and hanging baskets. Of the most easy culture, and rapid growth, it is today the most used trailing plant for this purpose in all parts of this country. The demand for it in the United States runs into the millions each year, and is steadily growing.

Either in green foliage or variegated. Each 3 inch pots, postpaid, 25c; doz., postpaid, \$2.50. 4 inch pots, each, postpaid 50c; doz., postpaid, \$5.00.

## VIOLETS

We have found that violets under proper cultivation can be grown in Montana that are the equal of any in the entire country. As an evidence of this fact, the demand for violets as cut flowers, in their season, in our own case, has increased so rapidly that it now requires seven of our largest greenhouses to satisfy the demands made upon us for these fragrant blooms. Under the care of the expert in charge of these plants, they are absolutely free from all kinds of disease that so often attack them in many parts of the country. Our pot grown plants are unequaled.

**Governor Herrick**—Flowers of rich purple borne on good stems and very prolific.

**Princess of Wales**—One of the best varieties grown. Flowers very large, long stems, a very profuse bloomer, and extremely fragrant.

**Dame Lloyd George**—A new introduction. This particular variety was gathered from the slopes of Mount Everest. Blue, with white eye. Fully as hardy as the other varieties. Perfumed.

Any of the above varieties. each, postpaid, 35c.

Collection—One each of the three varieties, postpaid, 75c.



An Armful of Violets  
At Our Greenhouse

## Our Wonderful Temple Zinnias

## GIANT DAHLIA FLOWERED



Zinnias

Zinnias are the showiest and very finest of annuals and come in a variety of gorgeous colors. The plants we offer are of precisely the same variety as those we planted at the Shrine Temple, Helena, 1927 and 1928, and which caused such a sensation.

The plants we offer are all of the standard and novelty shades and to insure good sturdy plants for extra early flowering we are growing quantities in 3 inch pots—

From pots, per doz, postpaid, \$1.00

From flats, per doz., postpaid, 60c



Don't Overlook our New  
DAHLIA  
COLLECTIONS

# PALMS

EXCELLENT HOUSE PLANTS

Before Mailing Your Order  
Check Over Our  
NEW PEONY LIST



A Glimpse of One Section of Our Palm House

Probably the one of our greenhouses which receives the most enthusiastic attention from visitors is our Palm house in which are grown our palms, orchids, and other tropical plants. This house, which is twenty feet wide and one hundred feet long, is literally filled to the brim with rare and beautiful plants and in itself is well worth a visit to our Nursery.

No collection of plants is complete without palms. No plant exceeds them in decorative value and a few if any plants can stand dust and a dry atmosphere as well as can the Palm.

Our collection listed comprises only those varieties of practical value which can stand the usage to which house plants are generally subjected.

**CULTURE**—Water the soil about twice a week and sponge the leaves frequently with tepid water, to preserve health and discourage the accumulation of dust or marauding pests.

**Cocos Weddelliana**—Very dainty thread leaved little Palms, vastly dissimilar to the stately Kentias. It is a very useful plant, rarely exceeding 12 in. in height and is especially fitting for table decoration or fern dishes of any kind. Each 50c and \$1.00 postpaid.

**Phoenix Roebelenii**—A very dainty and graceful palm, light and feathery as a Cocos but as hardy as the well-known Kentia. Price, each, 4 inch pot, postpaid \$1.25; 5 inch pot, each postpaid \$1.60.

**Kentia Balmoreana**—One of the most graceful varieties of palms on the market. Their long arching stems and fan-like canopy of richest green make them general favorites. They are very hardy and can be grown in the house for years with wonderful success. Each, \$1.00, \$2.00, \$3.00 and \$5.00, postpaid.

## THE COVER PAGE

Featuring on the front cover page of this catalog is the Queen of Montana State Fair of 1928, with the bouquet of Jersey's Beauty dahlias which was presented by the State Nursery and Seed Company. Governor J. E. Erickson crowned her "Queen of Montana" at the Coronation Ball during Fair week.

To Miss Rhea Traver, of Big Timber, who represented Sweet Grass County at the State Fair, was given the signal honor this year of being elected from the group of more than thirty Princesses from the various counties to be the Queen of the Fair. Miss Traver is a student at the State University at Missoula.

The Jersey's Beauty is, we think, the finest pink dahlia for Montana conditions. We have worked up a large stock of this variety which should be in every garden.



A Row of Hollyhocks at Our Nursery



**JERSEY'S BEAUTY**  
A Wonderful Pink Dahlia  
See Page 8

# ROSES

**JERSEY'S BEAUTY**  
A Wonderful Pink Dahlia  
See Page 8

## OUR FAMOUS \$2.00 ROSE SPECIAL

The increasing demand we have for these two year old roses and the many glowing reports we have received of their success have encouraged us in continuing listing **OUR FAMOUS \$2.00 ROSE SPECIAL**. Included in the collection this year are three new varieties.

The plant should be set out carefully without disturbing the ball of earth and soaked thoroughly. It will start growth immediately, giving an abundance of flowers the first season.

**WINTER PROTECTION.** These roses will need to be protected in the winter time, as do all except the very hardiest varieties. Many of our customers find that the easiest way to prevent winter damage is to pile earth around the plant to a depth of about 12 or 15 inches and leave it there until after danger of severe frost in the Spring when the plant should be uncovered and all dead wood carefully cut out. Climbing roses should not be cut back, therefore, they should be laid down and carefully covered with straw or other material and left covered until danger from severe frost is past.

The 12 as listed \$20.00—Any 6, \$11.00—Any 3, \$5.75, Any one, your selection \$2.00—Express prepaid to your nearest station.

For small bushes of the varieties listed below see following pages.

### BRIARCLIFF

Bud one-third longer than Columbia, very large, long pointed flower  $4\frac{1}{2}$  inches across, high center, lasting, moderate fragrance, deep rose-pink at center, passing to lighter on outer petals, with a touch of citron-green at base, borne singly on long, strong stem.

### ROSE HILL

A new sport from Columbia. Color a brilliant pink. Fine bud and flower. A good summer rose and destined to be the most popular pink rose ever introduced.

### WILHELM KODES

Bud large, long-pointed; flower large, double, full, high-centered, very lasting; golden yellow, with coppery yellow at edges and on petals exposed to the sun; borne singly on long strong stems; strong fragrance.

### JOHN C. MENSING

A beautiful rose. An improved Butterfly much darker, better bloomer with buds more pointed. An orchid shade when opening. Admired by all.

### PREMIER

Dark pink flowers of full size. Very fine form and pleasing fragrance, borne singly on stiff, almost thornless stems. A very vigorous and robust plant of free-blooming propensity.

### TEMPLAR

Clear, even shade of red of exceeding double form and strongly perfumed. Vigorous, upright, abundant and continuous bloomer.

### LEGION

A lasting cerise-red which produces well-shaped globular, fragrant buds, borne on excellent stems with foliage large and glossy reddish green. One of the finest cut flower varieties.



Rose Hill



Premier

### COMMONWEALTH

A deep pink, or medium strong stems of moderate fragrance. Buds large, long and pointed, the open flowers being double and very lasting. Foliage of medium size and rich green. Disease resistant.

### OPHELIA

Very attractive light salmon-flesh shading to yellow. Very vigorous, reliable and persistent. A glorious rose in every respect.

### ANGELUS

A beauty in white with a cream center which combines all the good qualities of both Ophelia and Columbia. Very free bloomer and a strong grower.

### AMERICAN BEAUTY

One of the largest, sweetest and best of all hardy roses. It is a quick grower, constant bloomer, making magnificent buds and large bold flowers; color, rich rosy crimson, shaded and veined in the most charming manner. One of the finest summer roses.

### MRS. F. R. PIERSON

One of the most recent introductions which we are very pleased to be in a position to offer in the larger sizes. It is a rich deep red, of fine foliage and very few thorns, very fragrant and free flowering. It is the red rose of the season.

## WHAT IS A GARDEN WITHOUT A ROSE BED?

Just tell us the amount you wish to spend  
And let us plan your  
**ROSE BED FOR YOU**

Unless otherwise directed we shall ship all plants for outside planting at what we think the proper time to set out.  
If You have Never Tried our Roses Give us a Trial.





Ophelia—(See Page 24)

**OUR ROSES**

We are listing only such stock that after years of experience we can recommend for hardiness and blossoming propensities. Our Montana grown roses are roses of quality that will give results and are not to be compared with dormant stock shipped in by some houses. Our roses also come with a ball of earth that insures no check in growth as must necessarily be the case with stock shipped with washed roots.



Gruss an Teplitz

**STANDARD ROSES THAT WILL BLOSSOM THE FIRST YEAR**

**Red Radiance**—Stands among red roses without a superior. It has flowers of the same exquisite form, the same sweet perfume, as Radiance. It is a remarkable bloomer, being constantly in flower from early spring until freezing weather.

**La France**—Although introduced in 1867 this wonderful rose still preserves its popularity. Of a silvery rose, with pink shades, and satin-like petals of wonderful beauty and unequalled fragrance. A continuous bloomer.

**Hermosa**—This is another old favorite, introduced in 1840, but still retains its popularity. While it is of the Bourbon type, it is of a free blooming nature, with finely formed flowers of a soft deep pink.

**Mme. Caroline Testout**—Clear bright satiny-pink; flowers very large and extremely showy.

**PREPAID ROSE PRICES**

Each, 3 inch, 45c; doz. \$4.50.  
Each, 4 inch, 75c; doz. \$8.00.  
2 year old, \$1.50, doz. \$15.00.  
**ANY SIX AT DOZEN RATE**



S.N.CO.

Templar—(See Page 24)

**American Beauty**—Probably the widest known and most prized cut flower among all American Roses. Deep pink approaching crimson of exquisite form and fragrance, and large size.

**Gruss an Teplitz**—A wonderful rose of dazzling, fiery crimson. It is a very free grower and of unlimited flowering qualities, a rose that should grace every collection. This variety is sometimes known as Prairie King.

**Clothilde Souper**—Often called the Cemetery Rose as it will bloom and thrive with so little care. It is a cluster bloomer, white, shading to a light pink, of dwarf growth and very fragrant. An ideal pot rose for house use in winter or summer.

**Sunburst**—A splendid Rose of vigorous habit and one of the largest of the H. T. type. The color is an orange-copper or golden orange, very intense giving a most brilliant effect. A giant of its class, of perfect form, good keeping qualities when cut, it has proven an estimable garden rose for this section.

**PREPAID ROSE PRICES**

Each, 3 inch, 45c; doz., \$4.50.  
Each, 4 inch, 75c; doz., \$8.00.  
2 year old, \$1.50, doz., \$15.00.  
**ANY SIX AT DOZEN RATE**

IN COMPARING PRICES REMEMBER OUR PRICES ARE PREPAID





Frau Karl Druschki

**Mrs. F. R. Pierson**—One of the most recent introductions. The Red Rose of the season, being a fragrant rich red of fine foliage and very few thorns. Buds of excellent shape, free flowering.

**Frau Karl Druschki**—Commonly known as the Snow Queen or White American Beauty. One of the purest white roses known. Very large blooms with immense petals of splendid substance borne on long stiff stems. Very hardy and deservedly popular.

**Anne de Diesbach—(Glory of Paris)**—A very free blooming form of this type of Rose and a vigorous grower. Color a shell-pink, long pointed buds, very double and large compact blooms, very fragrant.

**Black Prince**—A very fine rose of an intensely dark crimson. Flowers are large, full and globular. One of the strongest growers and a very free bloomer.

**Los Angeles**—One of the finest roses ever introduced. The growth is vigorous and produces a long-stemmed flower of a luminous flame-pink, toned with coral and tinged with gold at the base of the petals.

**Paul Neyron**—The largest of all roses, with flowers of clear bright shining pink, deliciously perfumed. A prolific bloomer of strong and vigorous growth. Almost thornless and very hardy.

**Ulrich Brunner**—Seedling from Paul Neyron, cherry-red flowers of globular form and immense size.

**General Jacqueminot—"General Jack"**—A celebrated rose with shapely buds and handsome flowers of brilliant velvety crimson. Very fragrant.

**Radiance**—Flowers are a beautiful shade of the richest tone of pink, darker on the inner surface of the petals than on the margins. The buds are large and very fine. There is no finer rose grown than this.

**Kaiserin Augusta Victoria**—One of the best white Roses ever introduced. A most sturdy grower with large perfectly formed and fragrant flowers, it combines all the attributes that go to make a perfect Rose. Very profuse.

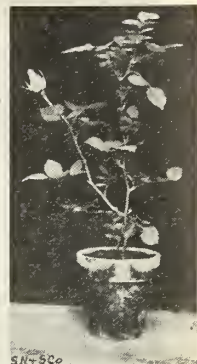


Los Angeles

### OUR ROSE PLANTS

Notwithstanding the fact that the practice adds materially to the cost of delivery we ship only rose plants which retain the ball of earth in which the plants were grown. This is of great value to our customers because it practically eliminates the danger of slow starting or loss of plant due to drying out or other injury to the delicate root system of the plants. The only care necessary in planting our roses is to set them out as soon as practicable after delivery, firming the earth tightly around the roots and soaking thoroughly and to take care not to disturb the ball of earth around the roots.

Because of this method of handling our plants our roses should not be confused or compared with those from most firms since it is a general practice with most nurseries to ship plants from which all earth has been washed, greatly increasing the danger of the roots drying out in transit and of other injuries to the plants.



Type of Our 4 inch Pot Rose



Legion

Roses for outdoor planting are not shipped until danger from frost is past. Do not, therefore, be surprised, if on an early order for plants in which roses are included, these are held back from shipment until we feel that under ordinary conditions it is safe to plant them.

### PREPAID ROSE PRICES

Each, 3 inch, 45c;	dozen, \$4.50
Each, 4 inch, 75c;	dozen, \$8.00
2 year old, each, \$1.50	dozen, \$15.00

ANY 6 AT DOZEN RATE



Kaiserin Augusta Victoria



# CLIMBING ROSES

PAUL'S  
SCARLET  
CLIMBER



**Paul's Scarlet Climber**—One of the hardiest and best of the climbing roses bearing large semi-double scarlet, shaded crimson flowers—long blooming and holding flowers long after many June bloomers have dropped their petals. A wonderful rose for trellis or pergola work. A rose that should grace every garden.

**Climbing American Beauty**—A comparatively new climbing rose—very popular in warm parts of the country. A seedling from the well known American Beauty. It is almost a continuous bloomer, a vigorous climber and has proved to be very hardy.

**Dorothy Perkins**—Shell pink, very fragrant, blooms in clusters, vigorous climber.

**Crimson Rambler**—This Rose is of vigorous growth. It flowers in clusters forming a mass of vivid crimson beauty.

**Lady Gay**—Buds of a deep pink, changing to cherry-red, the open flower finally changing to a creamy white. The blooms are produced in large trusses, and form a mass of beauty from the ground to the top of the vine.

## BABY RAMBLERS

**Crimson Baby Rambler**—(Erna Teschendorf)—A dwarf form of the Crimson Rambler, with deep crimson clusters of bloom flushed with carmine.

**Pink Baby Rambler**—(Le Marne)—A dwarf type of bushy habit, producing beautiful panicles of bloom the whole summer. Semi-double flowers, bright rose at the edges, rosy-blush inside. Unequalled as a decorative pot plant at any season.

## PRICES OF CLIMBING ROSES—POSTPAID

4 inch pot, \$1.00; 2 yr. old, \$1.50; 3 yr. old, \$3.00 and \$4.00.



Hardy Rugosa—Grootendorst in Bloom in Our Nursery

## HARDY RUGOSA—GROOTENDORST

See color insert

The Rugosas have always been the hardiest of roses going thru the winters without any protection whatever. It is only during the last few years that success has been made in crossing with one of the baby rambles. Buds and flowers small; double when open and borne in clusters; color bright red with edges of petals serrated like a carnation. Very beautiful foliage which gives the plants an exquisite appearance when flowers disappear.

Very vigorous bush growing plants which bear a profusion of blossoms from June to October. Our Rugosas at the nursery blossomed all summer and went into the winter a mass of flowers.

Extra large fine specimens, postpaid .....\$2.50  
Smaller bushes, postpaid ..... 1.25

## (AUSTRIAN OR BRIAR ROSES)

**Harrison Yellow**—A fine hardy Rose of double free flowering proclivities. The Austrian or Briar Rose type as a rule do not require much pruning, only to remove the dead and superfluous wood. They are extremely hardy. Field grown plants, each, postpaid, \$1.25.

**Persian Yellow**—A large and very fine single Rose, deep golden yellow, very hardy and very floriferous. Field grown plants each, postpaid, \$1.25.



Climbing American Beauty

## SIMPLE CULTURAL DIRECTIONS

**Culture**—Considering their easy culture Roses form a class of plants that should be in every garden in the northwest for they flourish so remarkably. The best results come from spring planting and the bushes produce blossoms that year. The following simple rules will help at planting time.

**Treatment on Arrival**—If plant appears to be dry, soak it thoroughly in water. The plant should be planted as soon as possible after arrival, even though the temperature should be a little below freezing. It can be protected from frost for a few days by wrapping in burlap. Take great care not to disturb the roots or the ball of earth that surrounds the roots and soak thoroughly after planting.

**Planting**—Select sunny location guarded from north winds. Spade deeply, thoroughly mixing into soil a goodly supply of well rotted cow manure. Pack soil thoroughly about the roots and well soak.



# HARDY PERENNIALS

THE STATE NURSERY AND SEED CO. are the largest growers of these plants in the Northwest. Our collection is today the largest and best in this section, and we are continually adding to the list. With no other class of plant is it possible to have as continuous a display of bloom and beauty with as little effort, from the early spring to frosts of fall, as with Hardy Perennials. A bed or border of these plants, properly selected and arranged, will produce a wealth of bloom almost from snow to snow. In the climate of the Northwest, there is no question but that they are the best class of plants for those who desire a profusion of bloom for the garden, with the least expenditure of effort. Give them any ordinary good soil, enriched with well decomposed fertilizer, and occasional watering through the summer. As soon as the first killing frosts have killed the growth, remove the dead tops and if convenient cover the bed with a mulch of dry leaves, or straw, though this is not absolutely necessary. A good mulch of well rotted fertilizer in the early spring, and spaded lightly into the border will also aid in giving them the necessary stimulus to bring out their best effort for your pleasure.

## ACHILLEA

**The Pearl**—A well known form of this flower, with handsome double flowers, blooming very early, and with good keeping qualities when cut. Height 2 feet.

Young plants each, postpaid 30c. Per doz., postpaid, \$3.00.  
Large field grown clumps each \$1.00 and \$2.00.

## AEGOPODIUM (Bishops Weed)

**Podagraria Variegata**—Pretty green and yellow variegated foliage, makes a pretty individual specimen and neat border or edging for a bed of shrubs. 30c each; per doz., \$2.75.

## ALYSSUM SAXATILE—Gold Tuft

One of the most useful plants either for rockery or border. Produces large flat heads of yellow flowers in May and June. Height One foot. Strong young plants, each, postpaid, 30c; per doz., postpaid, \$2.75.

## ANCHUSA ITALICA

**Dropmore Variety**—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. Height 3 feet. One of the very best hardy perennials of its color. Strong young plants each, postpaid, 30c; per doz., postpaid, \$2.75.

*Anchusa in Our Nursery*

## ARTEMISIA

**Lactiflora**—A very effective and most desirable plant either for the border or as a plant among shrubbery. Height about four and one-half feet. Fine foliage and large panicles of Hawthorne scented creamy white flowers which fill the garden with fragrance. A splendid and graceful cut flower. Each, postpaid, 30c.



*Aquilegia*

## AQUILEGIA—Columbine

### Our New Long Spurred Hybrids

The value of Columbines for bedding purposes, their beauty for use as cut flowers and their hardiness and ease of growth, recommend them as one of the best of the perennials. We have been selecting flowers of the long spurred varieties until we believe we have some of the very best of this class of flower. Our strain contains the following shades: white, blue, blue and lavender, scarlet and red, and pink and rose shades.

Strong young plants, each, postpaid ..... 30c  
Per doz., postpaid ..... \$2.75  
Large field grown clumps, each ..... \$1.00, \$2.00.

## ARABIS ALPINA—Rock Cress

A very early flowering carpet-like plant valuable for rockery and edging. It forms a dense carpet, and is literally covered with white flowers. Each, postpaid, 30c; per doz., postpaid, \$2.75.



## HARDY ASTERS—Michaelmas Daisies

These beautiful hardy perennials must be seen to be appreciated. Growing from 2 to 3 feet high they are covered late in the fall with myriads of single blooms, and exceedingly useful for cut flowers.

**Perry's White**—One of the finest whites on the market.

**Lillian Fardell**—Rosy pink.

**White Climax**—A beautiful white.

**Climax**—A fine deep blue.

**Feltham Blue**—Considered one of the best.

**Amarantha**—An Amaranth red, very fine.

**Praecox**—Rosy purple.

**F. W. Raynor**—Fine pink; growing about 2 feet high, very bushy habit.

**Early White—Early Pink**—The early white and early pink are earliest to bloom of these valuable hardy plants, flowering about three weeks earlier than the other varieties listed. Each, postpaid, 30c; per doz., postpaid \$2.75; large field grown clumps each \$1.00 and \$2.00.



*A Nook In The Perennial Garden*

WE WANT OUR CUSTOMERS TO FEEL THAT THIS IS THEIR NURSERY



**AUBRIETIA—Rainbow Rock Cress**

Very pretty dwarf growing plants suitable for the rockery or for edging. They form masses of silvery green foliage and masses of flowers in spring and summer. Each, 30c postpaid; per doz., \$3.00 postpaid.

**BLEEDING HEART—(See Dielytra, Page 30).****BOLTONIA—False Chamomile**

Among the most showy of our hardy perennial plants, with large single flowers, resembling a single Aster, and borne in great profusion. Three to four feet.

**B. Asteroides**—Pure White.

**B. Latisquama**—Pink tinged, lavender.

Each, postpaid, 30c; doz., postpaid, \$2.75.

**CERASTIUM TOMENTOSUM—(Snow in Summer)**

A very desirable plant for covering as with a white carpet, dry, sunny places. Low growing with white foliage and flowers. Very fine for planting on graves.

Strong young plants, each, postpaid, 30c.

Per doz., postpaid, \$2.75.

Large field grown clumps—each \$1.00 and \$2.00.



A Bed of Cerastium in our Nursery

**CAMPANULA**

(Canterbury Bell)



CAMPANULA MEDIA

Our Campanulas during the past season were exceptionally fine and were greatly admired by nurserymen from far and near. If the wilted flowers are kept picked off they will keep in flower all summer. Campanulas love a good rich soil and a half shady location. As border plants they are indispensable. Stake all the taller varieties.

We are pleased to make suggestions along any line pertaining to our business

**CAMPANULA, Continued**

**Media**—Single in colors of dark blue, white, light blue and rose. Each 50c; doz. \$5.00.

**Calycanthema (Cup and Saucer Canterbury Bells)**—They differ from most of the varieties in that the calyx is the same color as the flower, giving it the appearance of the cup and saucer. We offer them in the following shades: Delicate rosy pink, dark blue and pure white. The above in 4 inch stock—all extra quality, postpaid, 50c; doz. \$5.00.

**Pyramidalis (The Chimney Bell Flower)**—Blue salver-shaped flowers, 3 to 5 feet. Each, postpaid, 30c; per doz., postpaid, \$2.75.

**CANDYTUFT, HARDY—(See Iberis, Page 31)****CENTAUREA**

**Centaurea Montana**—The Perennial Cornflower. A very handsome hardy perennial, bearing blue and white flowers, growing about 18 to 24 inches.

Mixed—blue and white—each, postpaid, 30c; per doz., postpaid, \$2.50.

**COLUMBINE—(See Aquilegia)****COREOPSIS**

**C. Lanceolata Grandiflora**—A popular plant everywhere. It bears golden yellow blooms in great profusion, valuable for cut flowers, and lasting well into fall. Two feet.

**C. Lanceolata Grandiflora Fl. Pl.**—Semi-double—A fine addition to the herbaceous perennials. Produces rich golden flowers on wiry stems in great profusion.

Strong young plants, each, postpaid, 30c; per doz., postpaid, \$2.75; large field grown clumps, each, \$1.00 and \$2.00.



Shasta Daisies—Alaska

**CHRYSANTHEMUM MAXIMUM—Shasta Daisy**

Among summer flowering perennials these are perfect gems. The growth of dark green foliage is of attractive formation covered profusely with flower stems bearing pure white flowers about 2½ inches in diameter. Blossoming develops in September and continues through till hard frost. A real garden favorite which can be relied upon to provide cut blooms of lasting quality.

**C. Maximum King Edward VII.**—A splendid daisy. Beautiful for cut blooms, two or two and a half feet high.

**C. Shasta Daisy—"Alaska"**—(Burbank's Improved) Something new in Shasta, and very fine.

**HARTJE AND ELDER'S HARDY DAISIES**

A very useful early form of the Shasta Daisy. Very free flowering hardy perennial excellent for cutting and absolutely hardy.

Strong young plants each, postpaid, 30c; per doz., postpaid, \$2.75; large field grown clumps each \$1.00 and \$2.00.



**DELPHINIUM—Perennial Larkspur**

Few plants are so handsome in the garden as the perennial Larkspur. There are many species in cultivation, but the most important are the tall hybrids, of which there are many varieties with a wonderful range of color. They are valuable for their great variety in height, varying from 1 to 6 ft. for their great variety in shades of color, varying from the palest lavender through every conceivable shade of blue to deep indigo. They thrive in almost any situation or soil and are easily increased, being perfectly hardy. A good deep rich soil will repay with larger and better flowers. Remove the flowers before the seed pods form and they will flower later in season again.



Selecting Types of Delphinium for Seed purposes in our Nursery

**Bella Donna**—Torquoise blue.

**Bellamosum**—Dark blue form of Belladonna. Very free from mildew.

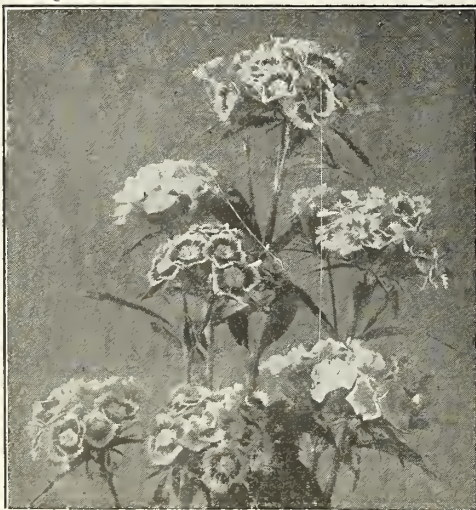
**W. S. McClellan**—Tall, with semi-double flowers, very dark violet, shaded white in center.

**Geraldine Kelway**—A tall variety with pale azure-blue flowers, single.

**S. N. & S. CO'S MIXED HYBRIDS**

After several years of selecting and re-selecting we have obtained some really exceptional varieties which we are positive cannot be surpassed for size and colorings.

Strong young plants, each, postpaid 30c; doz., postpaid, \$2.75.  
Large field grown clumps, each, \$1.00 and \$2.00.

**DIANTHUS BARBATUS—Sweet William**

One of the most popular of outdoor bedding plants, throwing strong stems of brilliantly colored blossoms. During the period of their blooming the foliage is completely hidden by masses of attractive blossoms.

**D. Latifolius Atracoccineus**—(Everblooming Hybrid Sweet William). A beautiful summer bedding variety producing masses of brilliant, fiery crimson flowers throughout the entire season.

**Holborn Glory**—This is a large flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams.

**Scarlet Beauty**—A very effective rich deep scarlet.

**Pink Beauty**—One of the prettiest among the Sweet Williams. Each, postpaid, 30c; per doz., postpaid, \$2.75.

**ALL PLANTS ARE PREPAID**

**DIANTHUS—Hardy Pinks**

One of the finest flowers for perennial borders. Very hardy and free blooming.

**Red Montana**—A beauty—flowers borne in clusters. Very fragrant. Each, 50c postpaid.

**ALLWOODII—Perpetual Flowering Hardy Pinks**

**Allwoodii**—New perpetual hardy pinks. One of the most important introductions in years in hardy plants, perfectly hardy, flowering continuously throughout the season. Splendid long stemmed, deliciously clove-scented blooms.

**Robert**—Height 18 inches. A delicate shade of rose magenta with a light maroon center.

**Jean**—Height 15 inches. Pure white with a deep violet center, a distinct and handsome flower which is produced in large trusses.

**Joyce**—Height 15 inches. Soft rose pink with amaranth red center, free habit of growth, excellent for cut flowers.

**Alfred**—Height 12 inches. A perfectly pure white with very full flowers, exceptionally free flowering and an erect habit of growth, strongly scented.

Prices Each .....postpaid 30c  
Extra large plants .....postpaid \$1.00

**DIELYTRA—Bleeding Heart**

An old fashioned favorite. Its long racemes of graceful heart shaped pink flowers are always attractive. It is perfectly at home in any part of the Hardy border and is especially useful for planting in the shade.

Each, postpaid, 75c. Extra large field grown clumps, each, postpaid, \$2.00.

**DIGITALIS—Foxglove**

While in bloom these dignified and stately stalks, with their luxuriant foliage, seem to dominate the whole garden.

**Gloxinaeflora**—A beautiful strain of finely-spotted varieties in beautiful colors of white, purple, rose and lilac.  
**Grandiflora**—Showy flowers of pale yellow, veined brown, spotted varieties.

**Monstrosa**—This variety in mixed colors is claimed to be the largest flowered of the genus, and very showy. All fine large plants from 4 inch pots.

Price of any of the above each, postpaid 50c; per doz., postpaid, \$5.00.

**DORONICUM EXCELSIUM**

(Leopard's Bane)

Splendid for cut flowers, having a good long stem, and will last a long time in water. Will thrive almost anywhere. Pretty orange yellow. Very early.

Strong young plants each, postpaid 30c; per doz., postpaid, \$2.75.



Digitalis—Foxglove

We invite all having plant troubles to write us



**GEUM**

**Mrs. Bradshaw**—18 inches high. A splendid new variety with large double flowers of a fiery red, blooming nearly all summer, very attractive.

**Lady Stratheden**—A new introduction of great merit, rich golden yellow blossoms—fine for hardy garden.

Either variety each, postpaid .....30c

**GAILLARDIA—Blanket Flower**

One of the most beautiful of perennial plants and most popular for cutting. The center of the blossom is a dark reddish brown with beautiful markings of brilliant crimson, orange and vermillion, and occasionally a combination of all in the one flower. Each, postpaid 30c; per doz., postpaid \$2.75. Large field grown clumps, each, \$1.00 and \$2.00.

**GYPSOPHILA—Baby's Breath**

The Gypsophilas with their attractively arranged masses of minute flowers should be in every garden. If cut and dried will retain its beauty for months, providing decorative material of the very best.

**Paniculata**—The popular old-time Gypsophila much admired for its feathery appearance.

Price, each, postpaid, 30c. Large field grown clumps, each \$1.00 and \$2.00.

**Paniculata Flora Plena**—Here is a variety we strongly recommend. Its minute double flowers blend so beautifully with cut blooms that flower lovers cannot afford to be without a clump in their garden. Each, postpaid 60c.

**HELENIUM—Sneeze Wort**

**Riverton Beauty**—Striking colored blooms, lemon yellow and purplish black.

**Riverton Gem**—Old Gold, changing to wallflower red.

Price, each, postpaid .....30c

**HELIANTHEMUM—Rock or Sun Rose**

Low growing evergreen plants, forming broad clumps, and which during their flowering season, July to September are hidden by a mass of bloom, excellent for border plants or for the rocky or dry sunny banks. Each, postpaid, 30c.

**HELIOPSIS—Orange Sunflower**

A valuable addition to the hardy border, for cut flower purposes, blooming earlier than the sunflowers, and rarely exceeding three feet.

**H. Pitcheriana**—Flowers about two inches in diameter, double, of a deep golden yellow. Continuously in bloom the entire summer. A splendid cut flower. Each, postpaid, 30c; per doz., postpaid, \$2.75.

**HEUCHERA****Coral Bells**

**Heuchera—Coral Bells** or Alum Root—A splendid hardy perennial, with flowers of a bright red coral color. Excellent for cutting. Each, postpaid, 30c.



Yard of Mrs. Frank Mooney,  
Butte, Montana

**HOLLYHOCKS**

Never before have we had such fine plants to offer in this most beautiful of the tall growing perennials. The variety we offer produces colossal spikes of blooms in the very choicest of colors, which last until hard frost cuts them down. Used as individuals well back in the hardy border or dotted here and there amongst a bed of hardy shrubs which they brighten with their brilliant spikes of gorgeous color, or as a hedge at the rear of a bed of hardy perennials they cannot be surpassed.

The strain we offer must be seen to be appreciated, for the flowers are not only exceptionally large but the petals seem as if made of the finest China silk. Give them a well fertilized soil with well rotted manure deeply spaded, sufficient drainage together with plentiful supplies of water during the growing season, and success is assured in any location.

All plants come with a ball of earth from 4 inch pots and are good, strong stock that will give excellent results. All have gone into the winter in excellent shape. We can supply the following colors:

**WHITE**  
**DEEP ROSE**  
**CRIMSON**  
**MAROON**

**PINK**  
**YELLOW**  
**SALMON**  
**BLOOD RED**

From 4 inch pots, each, postpaid, 35c; per doz., postpaid \$3.50.

**IBERIS—Hardy Candytuft**

A most desirable hardy dwarf evergreen plant flowering very early in the spring, and literally covering the foliage with dense heads of bloom. Ten inches.

**Iberis Sempervirens**—Pure white, innumerable flat heads of bloom.

**Iberis Gibraltarica**—A very free flowering variety with white flowers shading to lilac.

Each, postpaid, 30c; per doz., postpaid \$2.75.

**LATHYRUS—Everlasting Sweet Pea**

This is a hardy perennial vine, growing to a height of about 3 to 4 feet, and after it once becomes established makes a thick screen or hedge if given support. They are very free bloomers, bearing flowers much resembling Sweet Peas, hence the name—“EVERLASTING SWEET PEA”. Of very easy culture, and will succeed anywhere. In colors of red, white and pink. These plants which should bloom this season are all strong bushy stock from 4 inch pots and are well worth the money. Each one year old plants, postpaid, 30c.

We like to have visitors—They are our best advertisers



## IRIS—Fleur-de-Lys



From the standpoint of vigor the Iris is the ideal plant for the Northwest. No other plant is hardier, or will delight in hot, dry weather as the Iris. Any kind of soil seems to suit this plant provided it is not in low situations, and there is no other plant more sure to furnish a mass of delightful blooms year after year than the Iris.

In the descriptions that follow, "S" indicates the "Standard" or upper petals and "F" the "Falls" or lower petals.

Plant in the fall to obtain best results.

## FOUR GRAND IRIS

(See Color Plate)

LENT A. WILLIAMSON

Rated in 1922 by the American Iris Society as the finest Iris in the world. (S) Campanula blue (F) rich royal purple with yellow beard. Very tall and distinct. Each, \$1.00.

## LORD OF JUNE

(S) Light lavender blue (F) Deep lavender blue reticulated brown at base. Tall plant with very large blooms. Each, \$1.00.

## AMBASSADEUR

One of the very finest and most showy of Irises on the market. The plant is a tall, well branched, and very robust grower producing flowers of exceptional substance. The "Standards" are lavender and the "Falls" deep red violet with a rich orange beard. Ambassador and Mother of Pearl are the two outstanding Irises of today. Each, postpaid \$1.00.

## MOTHER OF PEARL

Standards and Falls pale bluish lavender, with a faint creamy under-tone. Large flowers of perfect form and exceptional substance. The creamy undertone often assumes the luster and iridescence which we see in the beautiful lining of many sea shells which produce Mother of Pearl. The plant is tall, a vigorous grower, and a profuse bloomer. Each postpaid 50c.

**Marsh Marigold**—A good Iris which blooms in midseason (S) good deep yellow (F) reddish-purple with a yellow border to match standards. Each, \$1.00.

**Prospero**—A very good tall Iris, blooming in midseason. (S) Pale lavender. (F) Rich deep violet purple, slightly lighter at margin. Each, \$1.00.

**Madame Gaudichau**—A rich deep velvety purple Iris of fine shape and finish. Tall, early, and very distinct. One of the most striking and remarkable of all. Each, \$1.50.

**Phyllis Bliss**—A good pale rose lavender. Blooms in midseason. Each, \$1.00.

**Dalila**—A most excellent variety. (S) White, slightly tinted with lilac. (F) Rich violet red with some white and brown veins at base. Orange beard. Each, 50c.

**Madame Chereau**—(S & F) White. The glory of this wonderful Iris lies in its ruffled edge of turquoise blue. The base of the petals has a waxy snow crystal appearance, which makes it very attractive and decorative. Excellent for cut flowers as its blossoms are borne on long slender stems. An introduction from Southern France. Each, 50c.

**Lorelei**—(S) lemon yellow; (F) Ultramarine, blue bordered cream. a profuse bloomer that shows off to perfection in the sun's brightest hours. Each, 50c.

**Iris King**—(S) Orange to copper yellow; (F) Cherry red shading to maroon with narrow yellow edge. Yellow beard with yellow stripes at base of petals. Attracts the attention of every visitor to the gardens. A very brilliant large flower on 24 inch stems. Each, 50c.

**Queen of May**—This is the Queen of the Iris. It is beautiful beyond description. (S & F) a light lilac pink. This variety is the nearest to pink in Iris. Each, 50c.

**Pumila Cyanea—Dwarf Iris**—Rich dark purple. Does not grow over a foot high. Very prolific bloomer. Each, 25c.

## COLLECTION NO. 1

**Dorothy Neil**—"S" white, "F" White veined violet. An exceptionally fine variety, producing flowers on good stems, somewhat later than most sorts. A general favorite.

**Black Prince—(Kochi)**—(S) Purple Lilac; (F) rich velvety black.

**Prosper Laugier**—(S) Light bronze-red. (F) Velvety ruby purple with white beard. Yellow tipped. Very handsome. Vigorous grower.

**Florentina Alba**—(S & F) Creamy white flushed with lavender. Very fragrant.

**Khehive**—(S & F) Beautiful soft lavender. Thirty inches.

**Flumeri**—(S) Coppery rose; (F) Velvety claret. Tall.

**Purple Queen**—(S & F) Large deep purple. Very early.

**Gypsy Queen**—(S) Old Gold shaded with pearl; (F) Black maroon, reticulated with light yellow. Late, twenty-four inches.

**Walhalla**—(S) lavender; (F) violet purple. An early strong grower and free bloomer.

**Cordelia**—(S) rosy lilac; (F) rich crimson purple. A very handsome late flowering variety. One of the best.

Any of the above each, postpaid, 30c. The Whole Collection of 10, postpaid, \$2.50

## COLLECTION NO. 2

**Her Majesty**—(S) Lovely rose-pink; (F) Bright crimson tinted with a brighter shade. A most beautiful variety.

**Quaker Lady**—(S) Smoky lavender with yellow shadings. (F) Ageratum blue and old gold.

**Rhein Nixe**—(S) White. (F) Violet blue with white edge. Tall and large, strong grower, very fine.

**Pallida Dalmatica**—(S) Lavender; (F) Clear deep lavender. Flowers extra large and fine, one of the best.

**Dr. Bernice**—(S) Coppery bronze; (F) Rich velvety crimson. Very large blooms and very beautiful.

**Monsignor**—(S) Bluish lavender; (F) Violet with white pencilings at throat. Flowers of immense size and great substance.

**Gertrude**—Deep violet blue. Very fragrant.

Any of the above each, postpaid, 35c. Any 6 of the above, our selection, postpaid, \$1.75

The whole collection—seven different varieties, postpaid, \$2.00.

## HARDY LILIES

(See Color Plate)

Hardy lilies are becoming quite popular and are being extensively used for planting in solid beds or as groups. We are well prepared to supply good healthy bulbs.

**Hemerocallis Fulva—(Tawny Day Lily)**—This variety grows from 4 to 5 feet high, bearing profusely trumpet shaped flowers of a neutral orange color, with darker shadings. Blooms in June and July.

Strong young plants, each, postpaid 35c. Large field grown clumps, each, \$1.00 and \$2.00.

**Tiger Lily**—Very large flowers, orange and black. Very floriferous, perfectly hardy, and should be in every garden. Each, postpaid, 30c; dozen, postpaid, \$2.75.

**L. Candidum**—Madonna, St. Joseph's or Annunciation Lily. Large white, fragrant and perfectly hardy. Each, postpaid, 60c.

**L. Rubrum**—Rosy pink with Amaranth spots and reflexed petals. Each, postpaid, 50c.

**L. Auratum**—Golden banded Japanese Lily. Prices, each, postpaid, 50c; dozen, postpaid, \$5.00.

**Easter Lily**—Has proved hardy, with protection, in our garden. Each, 50c.

The Rubrum, Auratum and Easter Lilies should be given some protection during winter. A covering of leaves or a layer of clean straw will suffice.

**Lilium Regale**—A magnificent lily from China, vigorous, 3 to 5 feet high, bearing one to several handsome white fragrant flowers; slightly shaded pink outside and the lower inner surface primrose-yellow. It is a hardy lily and is one of the finest novelties offered in many years. It seems to thrive on any good, well-drained soil. It is today the most popular hardy lily in our country. Flowering size bulb, each, postpaid, 60c.

**Lily of the Valley**—Roots (pips) of this great favorite. Three for 35c, postpaid; doz., postpaid, \$1.25.

REMEMBER THESE PRICES ARE POSTPAID TO YOU





**LYCHNIS CHALCEDONICA** (Ragged Robin  
Jerusalem Cross.)

**Lychnis Alba**—A beautiful pure white form of the above, and a splendid companion to it.  
Either variety—Strong young plants, each, postpaid 30c; per doz., postpaid, \$2.75. Large field grown clumps each \$1.00 and \$2.00.

**LYTHRUM ROSEUM—(Loosestrife)**

A very pretty hardy perennial, growing from 2 to 3 feet high and bearing spikes of rosy-pink flowers in great profusion from July to September. Each, postpaid 30c.

**NLPETA**

**Mussini**—An excellent plant for any position but especially good for edging and rockeries. It is of compact habit forming dense tufts about twelve inches high with masses of light violet blue flowers. Each, 30c postpaid; doz., \$3.00 postpaid.

**OLD MAN**

**Old Man or Southern Wood**—Dark green finely cut foliage with pleasant aromatic odor. 2 feet high. Each, postpaid, 35c.

**PENSTEMON**

The stock we list is Watkins & Simpson's Excelsior strain of world-wide reputation. As bedding plants they rank in importance with petunias and the phloxes. They grow from eighteen inches to two feet high, bearing ten to twelve inch long spikes of gloxinia-like flowers throughout the summer and fall. The colors are pastel like in appearance and come in a variety of shades that are exceptionally beautiful. Each, 50c postpaid; per dozen, \$5.00 postpaid.

TO MAKE A GOOD LAWN YOU NEED OUR  
LAWN GRASS MIXTURE. THERE IS  
NONE BETTER

DON'T  
OVERLOOK  
OUR  
WONDERFUL  
DAHLIA  
AND ROSE  
COLLECTIONS

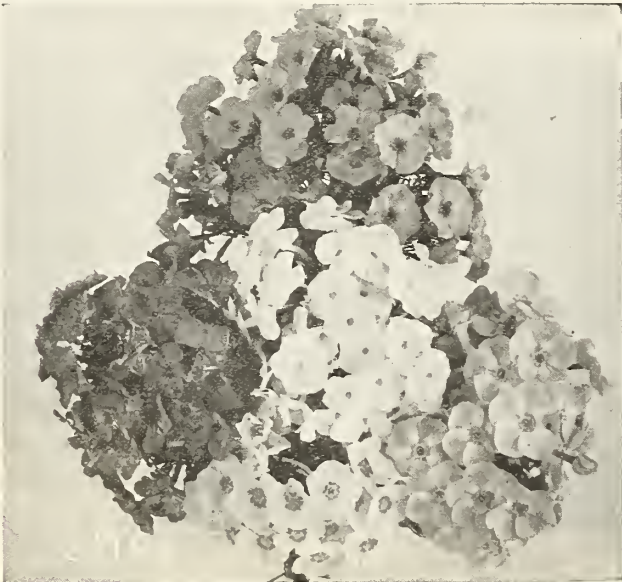


**Madonna Lily**—(See page 32)

Eight Perennials, Our Selection, Postpaid, \$2.00; Twelve Perennials, Our Selection, Postpaid, \$2.75.

**Our Hardy Perennial Phlox**

Among all the hardy perennials there are none more showy than this class of flower. For years we have specialized in the new and improved types with the result we have today a collection that has no equal in the Northwest. Phloxes are indispensable subjects for the herbaceous border, producing a continuous display throughout the summer and autumn months. Once planted they last for years and can always be relied upon to give their full share of blossoms. As a general rule they may be kept undisturbed for three or four years, after which time the clumps should be divided and reset. Phloxes withstand heat and extremes of cold and all varieties do particularly well in all sections of the Northwest. For growth and vitality our Northern grown stock cannot be surpassed.



**Hardy Phlox**

**TWO FINE PHLOX**  
See Color Plate

**Elizabeth Campbell**—The peer of all pink phlox. Soft rose pink with lighter shadings and with a dark rose colored eye. The individual florets are immense in size with extra large trusses—very handsome and attractive. A scarce and much sought after variety. Each, postpaid, 50c.

**Miss Lingard**—One of the easiest to grow and still one of the very best whites on the market. The flowers are borne in large trusses which resemble the large flower heads of Hydrangea Paniculata. Splendid foliage and habit—blossoms two weeks ahead of other varieties. Exceptionally good for cut flowers. Each 30c. doz. \$2.75.

**Jefferson**—Bright rosy-red with a deep red eye. A tall and robust grower.

**Hyon**—One of the strongest growers reaching about 2 ft. in height. Color lavender—rose with white lines radiating from a white eye.

**Bridesmaid**—A pure white with large crimson-carmine eye. A beauty.

**La Vague**—Warm mauve with emphatic carmine eye. A great improvement over older varieties of similar color with immense conical heads borne in great profusion.

**P. G. Von Lassburg**—Splendid pure white, very free bloomer and medium early. The purest and largest white on the market.

**Milly**—(Miss Milly Van Hoboken)—A gem with immense trusses of large flowers. Color a good bright pink with soft mauve suffusion.

**Firebrand**—One of the newest varieties. Very bright red with deeper center. Trusses large. Very strong and robust habit. One of the best.

**Pantheon**—Clear, deep, carmine pink with faint halo.

**R. P. Struthers**—Bright rosy-carmine, with claret-red eye.

**Rheinlander**—One of the newer varieties of great beauty. A rare shade of salmon pink intensified by a distinct claret-red eye. Flowers and truss of unusual size. Each, postpaid 30c; per doz., postpaid \$2.75. We have most of the varieties in large three-year-old clumps from the open field, each, postpaid, \$2.50.



**PHYSALIS—Chinese Lantern Plant**

**Francheti**—An ornamental variety of the Winter Cherry, forming dense bushes about two feet high, producing freely its bright orange-scarlet lantern like fruits, which can be cut and dried. Used extensively for floral decoration during the winter months. Each, postpaid, 30c; larger clumps \$1.00 each.

**PHYSOSTEGIA—False Dragon—Virginia Heather**

One of the most beautiful of the Hardy Perennials forming dense clumps four to five feet high, with long spikes of tubular pink flowers like a gigantic Heather and very valuable for cut flowers. Fine for cool situation, very useful for borders.

Each, postpaid 30c; per doz., postpaid, \$2.75.

**HARDY PINKS**

Hardy Pinks—See Page 30

TO MAKE  
A GOOD  
LAWN  
YOU  
NEED  
OUR  
LAWN  
GRASS  
MIXTURE.  
THERE  
IS NONE  
BETTER

**ORIENTAL POPPIES**

These really wonderful Perennial Poppies with their rich and gorgeous coloring stand out during their flowering season pre-eminently above all other flowers. Their large blooms—perhaps the largest of any of the hardy perennials—with their brilliant colors will attract the attention of any flower lover at a great distance. They are of the easiest culture, almost any kind of good soil suits them, though they prefer a rich deep loam. Give them water freely—especially during the flowering period.

**Oriental King**—Large size, rich crimson.

**Princess Victoria Louise**—Salmon pink.

**Goliath**—A large flowered bright scarlet of strong growth.

Strong young plants, postpaid 30c; per doz., postpaid, \$2.75; Large field grown clumps each \$1.00 and \$2.00.



True Oriental Poppy—(Papaver Orientale)

**ICELAND POPPIES—Papaver Nudicaule**

Iceland Poppies

One of the very first of hardy perennials to bloom in the spring and to continue a mass of bloom for months. Our Sunbeam varieties always attract the attention of visitors.

**New Sunbeam Varieties**—This particular strain is a great improvement on the older varieties. They are the very first flowers to show their bright and rich colors in the spring and continue in bloom for months. The colors are a rich, deep orange, lemon and white. Fine for cut flowers. Each, postpaid, 30c; doz., postpaid, \$2.75.

**OUR LITTLE PRUNING BOOK**

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 40c.



Pyrethrum Uliginosum (Page 35)

All prices on trees, shrubs and plants include delivery to your nearest express station.

**REMEMBER OUR PLANT PRICES ARE DELIVERED PRICES**



**PYRETHRUM**

Too much cannot be said about this superb perennial, which will thrive under almost any conditions. Splendid for cutting, lasting a week in good condition.

**Pyrethrum Uliginosum**—(Giant Daisy)—This hardy perennial grows from 3 to 4 feet high and produces in great profusion large daisy-like flowers. Very showy and fine for cutting. Strong plants each, postpaid 30c; per doz., postpaid, \$2.75.

**Hybridum, Mixed (Single)**—In the choicest shades of red and pink. June flowering. Strong young plants each, postpaid, 30c; large field grown clumps each \$1.00 and \$2.00.

**PLATYCODON**

**Balloon Flower—or Japanese Bell Flower.**

The Platycodons are closely allied to the Campanula or Canterbury Bells. They form neat branched bushes of upright habit, growing about eighteen to twenty-four inches in height. They bear blue or white flowers in great profusion from July to September or October. A splendid plant for the hardy border. Each, postpaid, 30c.

Collections of Eight  
Perennials—Our  
Selection Postpaid  
\$2.00 or Twelve  
Perennials Our  
Selection Postpaid  
\$2.75

**SAPONARIA**

**Saponaria or Bouncing Bet—**

This is not the double variety but the hardiest of all perennials and one that stands more neglect than any other plant. Grows 12 to 18 inches high and is ideal for border planting. Color pink and white. Each, postpaid, 30c.

**SEDUM SPECTABILE—Live For Ever**

One of the prettiest erect growing species of the "Stone Crop" family. It attains a height of 18 inches with broad light green foliage, and bears immense showy heads of rose colored flowers. One of the best plants to stand dry weather. Fine for the border garden and especially useful for cemetery work. Each, 30c postpaid.

**RUDBECKIA—Golden Glow**

Golden Glow

**Golden Glow**—Is too well-known to need a lengthy description. Perfectly hardy, and will succeed anywhere. Its rich golden yellow colored spikes of flowers reach a height of 4 feet. Each, 30c postpaid.

**SCABIOSA JAPONICA**

One of the handsomest of the hardy perennials, bearing on long wiry stems beautiful artistic lavender blue flowers. A fine cut flower, 18 to 24 inches. Each, postpaid, 30c; per doz., postpaid, \$2.75.

**Blue Bonnet**—Dwarf compact perennial variety of this ever popular flower. Price, each, postpaid, 30c.

**STATICE—Great Sea Lavender—Limonium**

**S. latifolium**—A noble plant for the hardy border. Produces clumps of leather-like leaves, with heads of bloom which frequently measure 24 inches across, covered with small flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months. We cannot recommend this valuable hardy perennial too highly, not only for its appearance in the hardy border, but also for the wonderful keeping and decorative qualities when cut and dried. Each, postpaid, 30c; field grown clumps, \$1.00 and \$2.00.

**SHASTA DAISY**—See *Chrysanthemum Maximum*—Page 29.

**SWEET WILLIAM**—See *Dianthus*—Page 30.

**JERSEY'S BEAUTY**

The Pink Dahlia That Should Be In Every Flower Garden. Be Sure To Include One In Your Order

For Description See Page 8.



**SWEET ROCKET—Hesperis**

A perennial that will succeed in any position, producing large spikes of blossoms varying from white to lilac. The plant is of a bushy nature and grows from 3 to 4 feet high, producing flowers very suitable for cutting. Price, each, postpaid, 25c; per dozen, postpaid, \$2.25.

**THALICTRUM DIPTEROCARPUM—Meadow Rue**

This beautiful hardy plant is too little known. It is a real gem for the hardy border, and its graceful sprays of Violet flowers brightened with a bunch of yellow stamens, are invaluable for cutting. 4 feet. Each, postpaid, 50c. Field Clumps \$2.00 each.

**TRITOMA**

**Red Hot Poker  
or Torch Lily**

A very handsome and showy border plant with rush-like foliage producing single fiery cones at the tops of thick smooth stems, a yard or more in length. The blossoms are unique in shape, the lower petals being tinged with orange ultimately becoming a brilliant flame red at the top. Flowering season July to September. Must be carefully protected, or lifted and carried dormant in dry sand or earth during winter. Each, postpaid, 75c.

S.N.C.O.

**VALERIANA OFFICINALIS—Hardy Garden Heliotrope**

A fine hardy plant, with very showy heads of bright rose flowers, produced in great numbers on stems about three feet high, heliotrope scented. A constant bloomer until frost. Each, postpaid, 30c; field grown clumps \$1.00 and \$2.00.

**Valeriana Officinalis Alba**—A handsome white variety, of similar habit and growth. A very free and fragrant bloomer. Strong young plants each, postpaid, 30c; per doz., postpaid, \$2.75; Large field grown clumps each, \$1.00 and \$2.00.

**VERONICA SPICATA**

This well known "Speedwell" is one of the best of the genus, bearing long spikes of blue flowers from July until the early frosts. One to two feet.

Strong young plants each, postpaid, 30c; per doz., postpaid, \$2.75; Large field grown clumps each, \$1.00 and \$2.00.

**VINCA—Periwinkle**

**V. Minor**—Also known as Trailing Myrtle. This pretty evergreen is extensively used for covering graves, producing in the spring an abundance of blue flowers. Each, postpaid, 65c.

**V. Minor Argentea Variegata**—This new introduction is of the same habit as V. Minor, equally as hardy, but has beautifully silver edged foliage. A most valuable acquisition. Each, postpaid, 65c.

**VIOLA**

**Viola Cornuta**—A hardy beautiful plant with flowers similar to a very large violet, rich blue in color. Very useful for cutting. Each, postpaid, 25c.

**NEW VIOLA—Jersey Gem**

One of the most valuable violas yet introduced. The plants are of compact sturdy growth, bearing pure violet flowers, without shadings on good stems, thus making it a splendid subject for cutting as well as a good border plant. Will succeed in any good garden soil in a sunny location and will bloom from early spring to the end of the season.

Each 50c postpaid; three for \$1.25 postpaid.



A Hedge of Eulalia or Variegated Grass in our Nursery

**VARIEGATED GRASS—Eulalia**

A very handsome, hardy, variegated grass which gives a touch of color to any hardy border. Its green and white striped foliage blends well with either hardy shrubs or perennials. This plant is also especially useful for hedge purposes as the illustration above clearly shows.

Each postpaid, 30c; per dozen, postpaid, \$3.00.

You will be interested to know that our seed demonstrating gardens are becoming known abroad. The past season prominent seed growers in Denmark, Holland, Germany, France, England, Japan and the United States sent samples of their specialties for us to test.

A Bed of  
California Poppies  
In Trial Grounds  
At Our  
Nursery





# OUR HARDY ROCKY MOUNTAIN PEONIES

**JERSEY'S BEAUTY**  
A Wonderful Pink Dahlia  
See Page 8

**JERSEY'S BEAUTY**  
A Wonderful Pink Dahlia  
See Page 8

OUR "MONTANA"  
PEONY COLLECTION  
ONE RED  
ONE PINK  
ONE WHITE  
ALL NAMED VARIETIES  
OF MERIT  
POSTPAID  
**\$2.25**



A Field of Peonies in Our Nursery

OUR  
"FORT HARRISON"  
COLLECTION  
ANY FIVE, \$1.00  
SIZE, PEONIES  
POSTPAID,

**\$4.50**

ANY COLLECTION  
TO VALUE OF \$10.00  
POSTPAID

**\$9.25**

Today peonies are in the front rank of popularity where they justly deserve to be, for they make a gorgeous display whether in landscape, flower bed, border or garden. By selecting a comprehensive assortment to include colors, types, fragrance and seasons the greatest enjoyment is possible.

## CULTURE

Peonies may be planted either in the Fall or Spring but Fall planting has many advantages, the chief being that blooms usually follow the next Spring. Dig the soil deeply and well dress with well rotted manure. Bone meal is also good to work into the soil. Never allow manure at planting time to come in contact with the roots as it frequently causes club root and sickly plants that fail to bloom. When planting, cover the eyes or new buds to a depth of not more than three inches. Too deep planting causes poor growth and prevents blooming. Their chief requirements are good rich soil and a sunny position though the latter is not absolutely essential, for they thrive well in partly shaded locations. They must be given a liberal supply of water during the growing season in order to produce an abundance of large-sized blossoms of extreme beauty, and producing an effect not surpassed by any other flower.

**Asa Gray**—Large, compact flower of semi-rose type. Pale lilac sprinkled with darker lilac dots. Very distinct and beautiful. Very fragrant, medium height. Each, \$1.50 postpaid.

**Baron Rothschild**—Deep rose, mid-season. Long stem. Each, postpaid, 85c and \$1.25.

**Comata**—A very rich dark red of fine growth and habit. Each, postpaid, 85c and \$1.25.

**Duchess De Nemours**—Crown type, early. Blooms several days after Festiva Max. Superb, cup-shaped, sulphur-white flowers with greenish reflex that lights up the entire flower. There is nothing so exquisitely chaste and beautiful as this variety in the half open bud state. Each, 75c postpaid.

**Edulis Superba**—One of the early varieties, dark rose pink with center petals of a light shade. One of the very best on the market. Each, postpaid, 85c, \$1.25 and \$2.00.

**Eugene Verdier**—Pink, very full flower. Each, postpaid, 85c, \$1.25 and \$2.00.

**Felix Crousse**—One of the largest and most beautiful reds, a great favorite. Each, postpaid, \$1.25 and \$2.25.

**Festiva Maxima**—One of the largest and most floriferous whites—center petals tipped with carmine. Each, postpaid, \$1.25 and \$2.25.

**Humel**—A beauty—Cherry pink and slightly tipped with silver. Each, postpaid, 85c and \$1.25.

**Lady Bramwell**—An early variety, color delicate silvery rose with light pink center. Petals tipped creamy white. Large full fragrant flowers of good form. One of the finest cut flower varieties. Each, 75c postpaid.

**Longfellow**—A bright crimson with a cherry tone. Perhaps the most brilliant of all the red peonies. A circle of golden stamens surround the central mass of petals, whilst the outer petals are slightly reflexed. Its erect habit, vivid color and long season give it rare value for any garden purpose. Each, \$4.00 postpaid.

**Lord Kitchener**—Rose type; very early. A most beautiful flower, well filled out; of a brilliant cherry red color; a most dazzling hue; very free blooming, lasting. Each, \$1.50 postpaid.

**Madame Emile Lemoine**—Semi-rose type; midseason. M. Lemoine thought enough of this peony to honor it with his wife's name. Enormous buds opening into extra large imbricated round flowers that completely hide the bush, each petal overlapping the other, giving the whole flower a very unusually distinctive glossy white, overlaid with a sheet of tender satiny pink, covered with minute lilac dots—when fully blown, pure white. Each, \$1.00 postpaid.

**Marie Crousse**—Bomb type; midseason. An enormous very full globular flower on long strong stems; color soft salmon pink shaded a glossy satiny-lilac—an exquisite variety. Each, \$3.00, postpaid.

**Mons Jules Elie**—Bomb type, early. The King of all peonies, and without question is M. Crousse's masterpiece. Very full flowers. Color an ideal glossy lilac-pink, shading to deeper rose at the base, the entire flower overlaid with a sheen of silver that fairly shimmers in the sunlight, claimed by many as the largest of all peonies—when cut in the bud an excellent keeper thus fine for cut flowers. Each, \$1.50 postpaid.

**Mons Krelage**—One of the later varieties of beautiful reds. Each, postpaid, 85c, \$1.25 and \$2.25.

**Queen Victoria**—Very early—opens up blush pink ultimately turning white. Each, postpaid, 85c, \$1.25 and \$2.25.

**Richard Carvel**—Very early deep red; an immense globular bomb; tall very profuse bloomer, fragrant and beautiful. The very best of all early dark reds. Each, \$5.00 postpaid.

**Rosea Magna**—Dark pink, lilac center. Each, postpaid, 85c, \$1.25 and \$2.25.

**Rubra Triumphans**—A semi-double type; very early with large loose very dark crimson blooms. Each, 75c postpaid.

**Sarah Bernhardt**—Semi rose type; late midseason. Without exception the strongest growing of all peonies. Flowers of remarkable size and freshness in huge clusters, full and double and of perfect form. Large petals that are imbricated and twisted. Color apple-blossom pink with each petal silver tipped. A fragrant and magnificent flower without a fault. Each, \$1.75 postpaid.

**Threse**—A very large pink Peony of perfect shape which is usually considered the best pink Peony in the world—rose type. This Peony was originated by M. Dessert, possibly the greatest Peony originator in the world. Each, postpaid, \$3.50.

## PEONY OFFICINALIS

This is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other varieties. All are strong growers, with full fragrant flowers.

**Officinalis Rosea**—Double rose.

**Officinalis Rubra**—Double blood red.

**Officinalis Mutabilis**—Pink changing to white. Each, postpaid \$1.25 and \$2.25.

CHECK OVER OUR IRIS COLLECTIONS BEFORE MAILING YOUR ORDER



All prices on trees, shrubs and plants include delivery to your nearest express station.

## DEPARTMENT OF

**OUR LITTLE PRUNING BOOK**  
Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid 40c.

# HARDY TREES, SHRUBS AND VINES

Our thirty-nine years in the Northwest has given us ample opportunity to study this particular division of our business. The shrubs, trees, vines, etc. listed are those which after trial have been found worthy because of their hardiness and utility in the garden.

Hardy deciduous shrubs form an indispensable section of all well balanced gardens, for in addition to their particular use as individual specimens for the decoration of lawns, they are also especially desirable as borders, and for attractive planting in cemeteries, they cannot be surpassed.

Nothing can add that home-like appearance and finish to a residence as a judicious planting of trees and shrubs and the picture herewith forcibly shows that by the addition of a few suitable shrubs a mere house becomes a real home.

Success in growing ornamental shrubs depends upon the selection of the kinds adapted to our condition of climate and soil, upon the proper preparation of the ground and upon the care in setting out, and the subsequent treatment. Do everything to encourage growth and cause them to mature before freezing weather in the fall. Some plants that show a tendency to start growth too early in the spring should be mulched with straw after the ground is well frozen. Do not remove the mulch too early as it will retard growth until frost danger has passed.

Shrubs that bloom early in the season should be trimmed immediately after the blooming period is over. Shrubs that bloom late in the season, or fall, should be pruned early in the spring. All that is needed is to keep them trimmed to a symmetrical form, to remove all dead wood and enough of the surplus wood to insure a good circulation of air and sunshine to all parts of the plant and border. We can usually supply large specimen plants of the varieties listed at a reasonable price. Write for special prices on your requirements in large quantities of specimen plants.

When planning on the artistic arrangement and planting of your grounds, we cordially invite you to consult our experienced staff of nurserymen who are at your service at all times to give information on the most desirable trees, shrubs and plants and to furnish cost estimates.



An Excellent Foundation Planting on a North Exposure in Helena, Montana. The Shrubs Include Spirea, Syringa, Siberian Honeysuckle, and Caragana. Note the Fine Virginia Creeper and the Japanese Tub.

### NOTICE

We endeavor to send out only stock that we believe will grow with proper care and attention. We should be advised BEFORE AUGUST 1 should any trees, shrubs, etc., fail to grow so that our representative may have an opportunity of calling and inspecting same. We will replace any of our nursery stock at one-half price that does not start growth by August 1.

Should your goods show any appearance of damage on arrival be sure to get your express agent to make a note of the damage on your receipt and send this to us so that we may enter a claim.

### BERBERIS THUNBERGII—Japan Barberry

Nothing equals the delightful barberry where a dwarf deciduous hedge is required. Very little pruning keeps it in shape. The leaves are small, light green and towards Fall assume rich brilliant colors, the fruit or berries, becoming scarlet. Perfectly hardy in all parts of the country. This variety is not a host for the Wheat Rust and is much sold for specimen planting. Each 16 in. to 18 in. at 50c. Large plants 20 inches to 24 inches, each \$1.00.

### NEW RED-LEAVED JAPANESE BARBERRY

*Berberis Thunbergi Atropurpurea*  
(See Color Plate)

It is similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubby border, as single specimens, or for planting in clumps on the lawn, as well as for foundation plantings and for hedges, but the foliage of this new variety is of a rich, lustrous bronzy red, similar to the richest red-leaved Japanese Maples. However, unlike these and



A Hedge of Japanese Barberry

other colored shrubs in which the coloring fades or disappears entirely as the season advances, this new Barberry becomes more brilliant and gorgeous throughout the summer, and in the fall its foliage changes to vivid orange, scarlet and red shades, more brilliant and more effective than in the ordinary Japanese Barberry. In this coloring it is unequaled by any other shrub and is followed by the brilliant scarlet berries common to the type, which remain on the plant the entire winter. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

Owing to the great demand we can only supply the one-year size. This stock is extra nice bushy plants, grown in pots and shipped with the ball of earth around the roots.

One-year-old stock, each, postpaid, \$1.00.

### BUCKTHORN

A good hedging plant which may be held into a sheared fence of from three to five feet or grown into a tall screen of fifteen feet. A quick growing hardy shrub.

12 inch to 18 inch, each, 15c; doz., \$1.50; 100-\$10.00.  
18 inch to 24 inch, each, 25c; doz., \$2.50; 100-\$17.50.

We can also supply a larger size, 2 to 3 feet high, which will make an immediate hedge effect. Each, 50c; 1 doz., \$5.00.

### BUDDLEIA—Magnifica

Butterfly shrub or Summer Lilac—One of the most desirable summer flowering shrubs, beginning to bloom in July, it continues until cut down by severe frost. The flowers are a pleasing shade of violet mauve borne in dense cylindrical spikes from ten to fifteen inches in length by three inches in diameter. Succeeds everywhere and flowers fully the first season planted. The bushes sometimes die back to the ground during winter but this will not prevent it sending up long spikes with beautiful flowers the following year. Each, 50c.



## CARAGANA—(See Page 40)

CORAL BERRY—See Symphoricarpus, Page 40

## CORNUS—Dogwood

Because of the distinctive color of its bark and its attractive flowers and fruit the Dogwood is suitable either for planting as an individual shrub or in a hedge or foundation planting. The two varieties listed, with their contrasting colors, go very well together in a planting.

**Native Red Dogwood**—This is a very ornamental shrub and in rows is an effective windbreak. White flowers followed by white berries. Each, 75c.

**Yellow Dogwood**—Another ornamental variety, but with yellow wood. Fine for either specimen or foundation planting. Each, 75c.

## HIGH BUSH CRANBERRY—Viburnum Opulus

**High Bush Cranberry**—A highly decorative tall growing shrub bearing white blossoms in broad cymes. Scarlet fruit, very showy shrub. Each, Postpaid, \$1.25.

ELDERBERRY—(See Sambucus, below)

When planning on the artistic arrangement and planting of your grounds we cordially invite you to consult our experienced staff of nurserymen who are at your service at all times to give information on the most desirable trees, shrubs and plants and to furnish cost estimates.

## HONEYSUCKLE—Bush or Russian Honeysuckle

The Russian Honeysuckle Bush or Tartarian Honeysuckle as it is sometimes called is a decided bush and not a vine as some people seem to think. It is a distinct shrub just as the lilac is. It will succeed anywhere, is a very free flowering and absolutely hardy. Being a rapid grower it is ideal for planting against a wall or anything to be hidden, and is also ideal for hedge purposes. It is literally covered with pink and white flowers during the spring. Each, 50c, \$1.00; larger specimens, \$2.00.



A planting of  
Russian Honeysuckles in  
Our Nursery

## LILACS FOR EARLY SPRING BEAUTY

We have an exceptional stock of this general favorite. No-where do they succeed better, produce more beautiful foliage, or flower more profusely than in our own state. We are anxious to see them in all gardens throughout the state, for they are rapid growers and shrubs that help to make the difference between a "House" and a "Home."

They may be planted as single specimens, in groups or in hedges. Blocks of these bushes attract the attention of large numbers of visitors to our nurseries every season when in flower. Our stock cannot be surpassed and are in splendid condition, hardy to the last degree.

Owing to their rapid, clean, and hardy growth lilacs make ideal stock for hedge purposes and the purple and white varieties cannot be surpassed.



A Hedge of our Lilacs in Hill Park, Helena

**Purple**—We cannot recommend this variety too highly for it does so remarkably well in all parts of Montana and the Northwest. It is an old time favorite, very hardy and of rapid growth. Excellent for specimen purposes or for hedge use.

**White**—The companion to the purple, very hardy and fragrant and producing large trusses of beautiful flowers. Every Montana garden should have specimens of the above two varieties.

Prices of the above two varieties; Each 50c, 75c and \$1.00.

Extra fine specimen bushes of the above varieties that will bloom this season, each, \$3.00 and \$5.00. Prepaid to your nearest express station.

**Persian Lilac**—This is quite distinct, with small foliage, graceful growth... Color, the true lilac shade. Each, \$1.00 and \$2.00. Prepaid.

## TREE LILACS

**Pres. Grevy**—A very fine double, producing trusses of pale blue flowers.

**Charles K.**—Deep purplish lilac flowers in large trusses. Flowers in May.

**Madame Lemoine**—Magnificent panicles of large double white blooms.

**Ludwig Spaeth**—Single. Very dark crimson purple. One of the darkest shades known.

Any of the above, each, \$2.00.



## PHILADELPHUS—(Syringa)

The Syringa or Mock Orange—A beautiful and well known flowering shrub; a native and therefore quite hardy; very rich fragrance. Each, 50c and \$1.00.

**Villosa**—Late, tall growing variety that is in blossom fully a month after all the other varieties are thru flowering. Each \$2.00.

## LILAC ROOTED CUTTINGS

## Unequaled for Hedges

We receive many inquiries for young plants suitable for the planting of hedges of these favorites, and are now prepared to offer well rooted cuttings of the Purple and White varieties for this purpose. These are the varieties that have proven the most hardy and adaptable for this use. Per 100, \$10.00.

## SAMBUCUS—Elderberry

A very valuable hardy shrub of quick growth and branching habit. The deeply cut foliage produces beautiful effects in the shrubbery and as a specimen plant for lawn purposes its even growth makes it ideal. When in bloom the shrub is a perfect bower of beauty over a long period and again in the fall when burdened with its loads of black fruits. Each, 75c.



An Elderberry Bush in the  
Garden of Mrs. Gerber,  
Helena



**HARDY SHRUBS—(Continued)****RUSSIAN OLIVE**

This shrub is a decided acquisition to our hardy varieties. The leaves are lanceolate; of a beautiful green above, and silvery white below. The blossoms are yellow, very fragrant, and borne in great profusion in June. Its shapely habit makes it very desirable for ornamental specimen planting, and for hedge and screen purposes it cannot be surpassed. It is equally good grown as a tree or in a hedge. As a resister of both cold and drouth this shrub is second only to Caragana.

We know of no better bushes for hedge purposes in the north-west than the two pictured opposite viz:—Russian Olive and Caragana, both being of clean growth, and when properly trimmed will give results similar to those shown in the picture.

Each, 18 to 24 inches, excellent for hedge use, 10c; per doz., \$1.00; per 100, \$7.50.

Larger hedge stock, each 25c; doz., \$2.50; 100, \$18.00.

Each 3 to 4 feet, 75c.

**SNOWBALL—Viburnum**

One of the hardest of shrubs and a favorite everywhere. During May and early June it is a perfect mass of blooms producing large globular pure white flowers. It is ideal for landscape work and is equally good for specimen planting. Each \$1.00.

**SIBERIAN PEA—CARAGANA**

The Caragana or Siberian Pea is the great drought resister amongst shrubs and is the variety recommended to our farmers and ranchers in the treeless region of Montana. For windbreak purposes in exposed situations, for specimen tree planting or for shrub use we cannot voice the praises of this variety too strongly. Many fine Caragana trees may be seen throughout the state. On the Capitol grounds and in the Court House lawn, Helena, some fine specimens now flourish. Their fine clean foliage, their rich golden blossoms, with the flowers hanging in regular clusters all tend to make this tree a permanent favorite. It is especially useful for hedge purposes, its even clean growth, its bushy habit and its clusters of "spikes" tend to make it just the plant for a hedge.

Prices—10 to 15 inch stock for hedge planting \$6.00 per 100; 50 at 100 rate.

18 to 24 inch stock for hedge purposes, \$12.00 per hundred. 50 at the 100 rate.

Bushes, each, 2 to 3 feet, 50c; 3 to 4 feet, \$1.00.

Specimen trees of Caragana—\$5.00, \$10.00 and \$15.00  
F. O. B. Helena

These trees are extra fine stock balled and burlapped at the root thus insuring arrival of the trees in the best possible condition.



Some Fine Bushes of Caragana and Syringa in Hill Park at Helena, Montana

**SUMACH**

This old favorite shrub of the Eastern and Southern states has proven hardy in Helena, and we are pleased to be able to offer it to our customers. Its handsome fern like foliage, which turns to a wonderful red at the approach of the first frosts, should make it one of the best additions to our list of hardy shrubs. 3 to 4 feet, each, 50c.

**LANDSCAPE ARCHITECTURE**

To those desirous of beautifying their premises with tree and shrub planting, we tender our services in this important branch of the business. For small places, send us a sketch of the lot or lots with location of buildings, dimensions, location of entrances, roadways, etc., and exposure. We will cheerfully submit suggestions with estimate of cost of the trees, shrubs, etc. required.

**OUR LITTLE PRUNING BOOK**—Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, Postpaid, 40c.



Hedges of Russian Olive and Caragana at the Residence of Mr. S. Erickson, North Ewing, Helena

**SPIREAS**

Spirea Van Houtii (Bridal Wreath) in Hill Park, Helena

The above photograph was taken in Hill Park, Helena. These wonderful hardy shrubs are yearly literally covered with a mass of flowers, and attract no end of attention and admiration. Placed as they are near the G. N. Depot, they catch the eyes of many visitors to this city—a veritable fountain of bloom. These can not be too extensively planted in Montana. The shrubs and trees in this lawn and park were supplied from our Nursery, and the wonderful lawns were sown with our Rocky Mountain Lawn Grass Mixture. For either foundation planting or specimen planting nothing can outdo the Spireas.

**S. Van Houtii (Bridal Wreath)**—The grandest of all the White Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, almost completely covering the foliage. Each, 75c and \$1.50.

**S. Sorbifolia (Ash Leaved Spirea)**—A very showy variety and a quick grower. Flowers produced in long spikes of white flowers. Makes a very beautiful, graceful shrub. Each, \$1.00.

**S. Anthony Waterer**—A very valuable variety producing bright crimson heads of bloom in great profusion. Fine for foundation work and considered one of the best of the pink spireas. Very hardy and of dwarf dense habit, never exceeding 30 inches in height. Each \$1.00.

**S. Prunifolia**—Another favorite variety. It produces long spikes of double blooms very freely in May and June. Each, 75c. Special—One each of the above four varieties, \$2.75.

**SYMPHORICARPOS**

We list two species of this plant, both of which are hardy and distinguished by the berries they bear in the fall.

**Coral Berry**—The Red Snowberry or Indian Currant. Bears dense clusters of red fruit in autumn. Very attractive. Each, 75c.

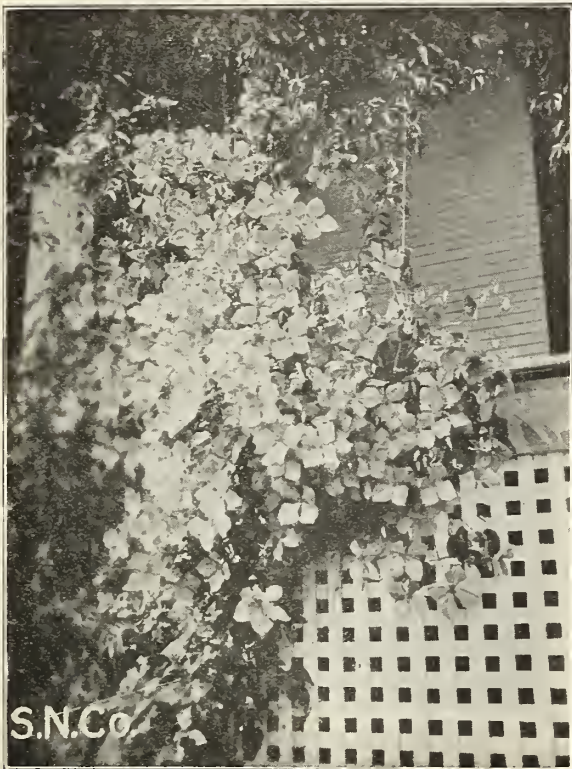
**Snowberry**—A small native shrub that grows well in almost any soil and succeeds in shaded locations. It is quite hardy, produces small white or pinkish flowers in July and August and these are succeeded by abundant white berries that last well into the winter. Price, Each, 75c.

**WEIGELA ROSEA**

The parent plant of this propagation has been blooming continuously for twenty years in Minnesota and it has come through every winter with terminals untouched. Each, 75c.



# HARDY VINES FOR THE NORTHWEST



Clematis Jackmanii in Helena

## CLEMATIS

One of the most popular of all trailing vines, used for covering house fronts or draping over retaining walls. When in bloom the dense sheets of blossoms, with their most pleasing fragrance, give a beauty indescribable. Their variety of size, coupled with a wealth of bloom, puts them in a unique position.

To obtain good results they must have rich soil, perfect drainage and an abundance of water and most important of all they must be planted with the crowns about 3 inches beneath the surface of the soil.

Heretofore it has been difficult for many to transplant these plants with success, so this season we are featuring pot grown stock of A1 quality which will come with a ball of earth and are sure to give satisfaction.

**C. Jackmanii**—The popular rich purple variety with large flowers and very hardy.

**C. Henri**—A fine white having large blossoms which come in great profusion.

**C. Baron Veillard**—An excellent variety, color rose. A beauty in every respect.

**Mme. Eduard Andre**—One of the very finest red varieties on the market, very effective.

Each, postpaid, \$1.25.

One each of the above four varieties, postpaid, \$4.50.

**Native**—A sweet scented, rapid grower, extremely hardy and producing magnificent foliage and great masses of flowers.

Good strong roots, 50c each.



Looking Across Mrs. Gerber's Front Yard in Helena

## Virginia Creeper

AMERICAN IVY—Woodbine

This plant is without doubt the very best and most hardy variety for this section. Everywhere it has been planted it has succeeded wonderfully. It produces masses of rich dark green foliage deeply cut, which assumes brilliant shades of yellow, crimson and scarlet in the Fall. It is the ideal vine for covering fences, walls, trees, rocky slopes, etc. Our stocks are clean, hardy and of sturdy growth and we feel safe in saying are some of the finest in the country and for general purposes cannot be too highly recommended.

Each .....	\$1.00
Each, Extra Large Plants .....	\$2.00



A fine Growth of Virginia Creeper on the Blackstone Apartment House in Helena. Note the American White Ash Trees in the Parking

## HOP ROOTS



House shaded with growth of Hop Vine

For quickness in covering residence fences, arbors, etc., the Hop Root leads. The peculiar shade of its foliage, extreme hardiness and quick growth makes it a very desirable vine. each, postpaid, 30c; doz., \$2.75 postpaid.

City Trees are a valuable asset that can very easily be ruined by inexperienced people. We have a qualified tree expert on our staff and we invite the cities of the state to write us regarding any tree work they may contemplate.



# TREES---Shade and Ornamental

All prices on trees, shrubs, and plants include delivery to your nearest express station.

**IMPORTANT TO TREE BUYERS**—In buying shade and fruit trees or other Nursery Stock from **THE STATE NURSERY AND SEED CO.** you are also getting free of charge the experience of **THIRTY-NINE YEARS** of production of these goods in Montana. This can not be offered you by any other house at any price.

We pride ourselves on our good, clean, hardy tree stock, and we are confident they are the best the Northwest can produce, a fact which is borne out by the numerous unsolicited testimonials which we have received. In addition to the hundreds of private citizens who annually plant our trees many of the cities of the State use our stock for parking purposes. We make special prices where quantities are purchased and we cordially invite correspondence from city authorities on this subject.

Our location, (altitude 4400 feet) and soil are two of the prime factors for the production of stock with good fibrous roots, which, before shipping are carefully wrapped in wet moss and the whole length of the tree wrapped in burlap.

We take special care to send out only such stock that we know with proper attention will grow, but should any fail to do so before Aug. 1st, 1929, we wish to be informed immediately after that date so that one of our representatives may have an opportunity of inspecting same... We guarantee to replace at one-half the original cost.

## AMERICAN WHITE ASH

The best hard wood tree for Montana, being extremely hardy, and growing into a most beautifully formed head. We cannot recommend this tree too highly for this section, either for parking purposes or for planting as individual specimens. We call attention to the \$2.00 size—7 to 8 ft. high. The 7 to 8 foot tree is generally planted for street parking and we invite correspondence from city authorities.

Each 6 to 7 ft. high \$1.50, doz. \$15.00; Each 7 to 8 ft. high \$2.00, doz. \$20.00; Each 8 to 9 ft. high, \$2.50, doz. \$25.00; Specimen Trees 10 to 15 ft. high \$3.00 to \$5.00.

**White Ash Seedlings**—6-8 inches—per 100 \$5.00; per 50 \$3.00. These are offered for customers who may wish to grow these valuable trees for windbreaks.



## EUROPEAN MOUNTAIN ASH

This is without doubt one of the very best ornamental trees, and because of its outstanding beauty, and hardiness, together with its fine foliage and lovely blossoms, followed by massive clusters of beautiful berries from July till winter is undoubtedly a **TREE THAT SHOULD GRACE EVERY GARDEN.**

6 to 8 ft. \$2.00 each; 8 to 10 ft. \$3.00 each.

## OAK LEAVED MOUNTAIN ASH

Another very handsome tree equally as showy as the Ash leaved variety and producing immense clusters of bright red berries. Foliage dark lobed and oak shaped—a very hardy tree of pyramidal habit. Excellent for lawn purposes.

Each 6-8 ft. \$2.00.

**Swedish Ozelberry**—(Mountain Ash) 4 to 5 ft., \$1.50.

## BIRCH

**Canoe Birch**—A very hardy and beautiful American tree of fine shape and delightful bark. An excellent specimen for lawn or other decorative purposes. 6 to 8 ft. \$2.50 each.

## CUT LEAF BIRCH

Very beautiful form of the European White Birch, the main trunk with snow white bark grows as straight as an arrow. Branches spread slightly, while the fine slender shoots hang vertically. Foliage fine and deeply cut. One of the most beautiful of deciduous trees. Each 5 to 6 feet \$4.50; 6 to 8 feet \$5.50.



A Linden in the Nursery



Cut Leaf Weeping Birch

Prices of Trees, Shrubs and Plants Include Delivery To Your Nearest Express Station



**BOX ELDER OR MANITOBA MAPLE**

Often called the Ash Leaved Maple. Requires but moderately rich soil, and is of a vigorous growth. Has been so popularly planted that it needs no description. Each 5 to 6 feet, \$1.00; doz. \$7.50. Each 8 to 10 feet \$1.25, doz. \$12.50.

**CHESTNUT—Horse**

A very handsome and beautiful tree producing spikes of white flowers in great profusion and sweetly scented. May be frequently seen in many towns of the State. Well worth trying. Each 5 feet \$2.00.

**CHERRY—Japanese Flowering**

The famous flowering cherries of Japan—strictly ornamental and beautiful specimens, blossoming in profuse panicles. Each 4 to 6 feet \$2.00.

**CRAB—Flowering**

**Crab (Flowering)**—Strictly an ornamental tree. An excellent addition to any grounds. Makes a medium sized tree, perfectly hardy, succeeds well in all soils not too wet. When in blossom appears to be covered with delicate pink perfectly double small roses of delicious fragrance. Each 3 to 4 ft. \$1.50.

**ELM**

The American Elm is a noble native American tree, attaining a large size, with wide spreading head and graceful drooping branches. It is one of the best park and street trees and is superb when planted as a single specimen. Each, 6 to 8 feet \$1.50; doz. \$15.00.



An American Elm on the Court House Lawn Helena



Chinese Elm

**ELM—Siberian or Chinese**

This variety was introduced by the United States Government from China who state it is a wonderfully rapid growing tree in the semi-arid as well as the irrigated districts. It is hardy and remarkably resistant to drought and alkali. Very valuable for wind-break purposes. Each 5 to 6 ft. \$1.50; 6 to 8 ft. \$2.00.

**LINDEN—American**

A very stately and beautifully shaped tree with large shining leaves and producing blossoms in July. 6 to 8 feet \$2.00 each.

**BLACK LOCUST**

One of the hardiest of the Locusts. Produces blossoms in long white racemes, very fragrant. 5 to 6 ft., \$1.00 each.

**MAPLE**

The Maples are increasing in popularity owing to the profusion of foliage and majestic upright growth.

**Norway Maple**—An excellent shade tree, the foliage in the Fall assuming very striking tints of yellow. It is one of the most handsome of the species, of very hardy nature. Each 6 to 8 feet, \$3.00; Doz. \$30.00.

**Schwedleri**—A red and purple variety that contrasts brightly with the delicate green of the other trees. In midsummer they are purplish green, in autumn golden yellow. Very scarce variety. Each, 6 to 8 feet, \$4.50.

**Soft Maple**—Of easy culture and rapid growth, forming well shaped trees when given sufficient room to develop. Splendid stock, each, 6 to 8 feet, \$1.50; doz. \$15.00.

**POPLARS**

These hardy trees thrive in almost any soil, and as a class are unequalled for this section. They are of rapid growth, and are used in increasing numbers every year in all parts of this state. A very desirable tree where quick shade is wanted.



An Avenue of Canadian Poplars

**Canada Poplars**—This is the most popular of the Poplar family and is the best tree being hardy, of clean, rapid growth and of symmetrical shape. This variety may be called the "all purpose" variety for they may be planted as specimen trees or used for parking purposes where quick shade is required, and judiciously used in windbreaks. Farmers living in the treeless sections of the Northwest can add materially to the appearance and value of their property, in addition to deriving a great deal of pleasure by a systematic planting of these trees.

**Balm of Gilead—Native—**

A variety that does remarkably well in most parts of Montana, especially the exposed prairie lands of Eastern Montana and should be extensively planted.

**Silver Leaved Poplar**—Under side of leaves are a beautiful silver grey, making it decidedly distinct from any of the other varieties.

**Lombardy Poplar**—This variety is a very rapid grower—very erect, forming living pillars of handsome green foliage. Subject to winter killing in some sections.

**Any of the above varieties of Poplars**

Each, 4 to 5 feet, whips, 50c; per doz., \$5.00, per 100, \$30.00; each, 5 to 6 feet, 75c, per doz. \$8.00; each 6 to 7 feet \$1.00, per doz., 10.00; each 8 to 9 feet, \$1.50, per doz., \$15.00; each, 10 feet, \$2.50, per doz. \$25.00.

Whips of Canada Poplars only, 1 year, 2 to 4 foot whips, per doz. \$3.00; 50, \$7.50; 100 \$15.00.

**Bolleana**—A tall columnar rapid growing, hardy tree, superior to the Lombardy. Leaves triangular, borders serrate, glossy green above and silvery beneath. (See inside front cover) Each, 6 to 7 ft., only, \$2.00 each.

**PLUMS—Flowering**

**Prunus Pissardi**—Very handsome form with rich purple leaves. Recommended where colored foliage is desired. Covered in Spring with beautiful white flowers, later with wine red fruit. Very suitable for foundation planting. Each \$2.00.



Home of Mrs. S. L. Dolson, Roy, Mont., Showing results Obtained in Four Years With Our Canada Poplars

Remember our tree, shrub and plant prices include delivery to your nearest express office.



**RED BUD****Cercis Canadensis**

A very striking ornamental tree loaded with a mass of pea-shaped pink blossoms in early spring before the leaves appear.

Each 2 to 3 feet, \$1.25.

**PAUL'S DOUBLE SCARLET HAWTHORN**

The most showy of the double flowering thorns. Its lovely blossoms are of a bright scarlet color, large, full and very double.

Each 6 to 8 ft., \$3.00.

**WALNUT—Black**

The picture shows some of these trees growing in our nursery. We do not recommend them for general planting but for those who like to experiment.

Each, 4 to 5 feet, \$3.00.

**WHERE TREES, ETC. ARE WANTED IN QUANTITY WRITE FOR SPECIAL PRICES**



Black Walnuts in Our Nursery

**TREE CUTTINGS**

We sell quantities of cuttings of the following varieties: Poplars, Willows and Native Balm of Gilead, for the rancher or farmer who wishes to buy quantities of trees but does not wish to invest in rooted trees. These cuttings are about six inches long and in bundles of 100.

Per 100 \$1.50, per 1000 \$10.00. Per 100 postpaid, \$1.75.

**PLANTING INSTRUCTIONS—TREE CUTTINGS**

These are very easy to grow. Take the cuttings as received in the early spring, and plant deeply in a trench in good soil, placing the cuttings about 3 inches apart. Tread the soil around them firmly, and water well. Do not allow them at any time to lack water. Leave only about two eyes above the ground in planting. Replant the following spring giving them about 12 to 18 inches of space between them, and transplant the second year to places where desired to remain permanently. If more than one eye sends up a shoot the first season, remove the weakest ones leaving one strong shoot.

**DON'T  
OVERLOOK OUR  
WONDERFUL  
NEW  
PEONIES**



A 3 year old shelter belt near Scobey, Montana

Do not forget our trees are prepaid to your nearest express station.

**WHEN SHIPPING BY EXPRESS IT TAKES LESS THAN 24 HOURS TO REACH MOST PARTS OF MONTANA. AS OUR TREES ARE DUG AS ORDERED IT MEANS THEY REACH YOU IN A-1 CONDITION FOR PLANTING**

**OUR LITTLE PRUNING BOOK**

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each postpaid 40c.

**START YOUR OWN WINDBREAK**

WITH OUR "HOMEMAKERS' SHELTERBELT COLLECTIONS

**NO. 1**

- 25 Canada Poplars, 1 year whips, 2 ft. to 4 ft.
- 25 White Ash Seedlings 6 inch to 8 inch stock
- 25 Russian Willows 1 year whips, 3 feet
- 25 Russian Olive 18 inch to 24 inch
- 50 Caragana 10 to 15 inch stock

All the Above \$10.50

Delivered to Your Nearest Express Station

**NO. 2**

- 50 Canada Poplars 1 year whips, 2 ft. to 4 ft.
- 50 White Ash Seedlings 6 inch to 8 inch stock
- 50 Russian Willows 1 year whips, 3 ft.
- 50 Russian Olive 18 inch to 24 inch
- 100 Caragana 10 inch to 15 inch stock

All the Above \$20.00

Delivered to Your Nearest Express Station

**NO. 1**

- 1 Apple
- 1 Crab Apple
- 1 Cherry
- 1 Plum
- 3 Currants
- 1 Gooseberry
- 6 Blackberries
- 6 St. Regis Raspberries

All for \$6.50

Delivered to Your Nearest Express Station

**NO. 2**

- 3 Apples, assorted
- 2 Crab Apples, assorted
- 1 Cherry
- 3 Plums, assorted
- 6 1-year old Currants
- 3 Gooseberries
- 6 Blackberries
- 6 St. Regis Raspberries

All For \$12.00

Delivered to Your Nearest Express Station

**OUR FARMERS' HOME ORCHARD COLLECTIONS**

The Above Collections Sent ONLY AS LISTED—Positively No Changes will be made

**RUSSIAN WILLOWS**

Among the best hardy trees for our rigorous climate, are the Willows. As windbreaks—some varieties are unexcelled, as specimen trees—they are handsome and ornamental in any location. They are, when once established, very hardy. Our stocks of these cultivated varieties of Willows are perhaps the largest and best to be found in any section, and produced as they are—at an altitude of over 4000 feet—on the eastern slope of the main range of the Great Continental Divide, are the hardiest trees that can be produced anywhere. The picture below aptly shows what Russian Willows will do under Montana conditions.



A Windbreak of Russian Willows.

**WILLOWS**

One of the most hardy class of trees known. The cultivated varieties we offer are invaluable for the rigorous climate of Montana. They are of very rapid growth, and make fine attractive trees for any position.

**Golden Willow**—Golden colored growth, makes a handsome specimen tree anywhere, and hardy under all conditions.

**Russian Willow**—A very strong growing tall variety, extremely valuable for windbreaks, very hardy and of very rapid growth and of great value also for specimen trees.

Each 4 to 5 feet .....50c, doz. \$5.00  
Each 5 to 6 feet .....75c, doz. \$7.50  
Each 8 feet .....\$1.00, doz. \$10.00  
Each 10 feet .....\$2.00, doz. \$20.00

**SPECIAL**—1 year Golden or Russian Willow, 3 feet, \$10.00 per 100.

**Laurel Willow**—One of the very best willows for ornamental planting—Shrubby. Leaves very large and shining. Fragrant when bruised, produces in spring large rich-colored pussy willows. Each 6 to 8 feet \$1.00; dozen \$10.00.



DON'T OVERLOOK  
OUR DAHLIA  
Collections Page 9

# EVERGREENS

SEE OUR NOVELTY  
SWEET PEAS



Blue Spruce in Our Nursery

## BLACK HILL SPRUCE

The hardiest of all Spruce being symmetrical, compact and bushy in habit of growth; the very smallest trees soon form round, sturdy, compact bodies as the tree grows and develops. It continues to carry this particular style of growth; even in old trees the lower branches are retained, thus forming a close ground cover. The foliage varies from green to bluish tint and all trees are remarkable for their bright fresh color. Each 2½ to 3 feet \$6.00. Each, 3½ to 4 feet, \$10.00 f. o. b. Helena.

### SPRUCE IN TUBS

These are usually sold in pairs. Each, \$12.50; per pair, \$20.00 F. O. B. Helena.

### LIVING CHRISTMAS TREE

A practice, well worth encouraging, is that of planting an evergreen in the front yard not only for general decorative effect but also for special use during Christmas Season. An evergreen decorated with colored lights is an especially pleasing sight and vividly enhances the Christmas spirit. A drive thru the residential sections of the city during the evenings of the holiday season will forcibly convince you of the advantages of such a planting.

**NOTE**—All evergreens are shipped with a large ball of earth, securely burlapped. When received great care must be exercised not to break this ball of earth. At planting time loosen only the top of burlap, then thoroughly pack the soil around the ball of earth, before saturating with water.



Spruce in Tubs For Porch Use

## BLUE SPRUCE—Koster's

The glory of the Blue Spruce is its foliage, which is an intense steel blue. It has created a sensation throughout the United States and Europe and is indeed a triumph in evergreen growing. Very decorative plant for lawn purposes and quite hardy, also ideal for porch use when grown in tubs. Genuine grafted stock, very select specimens. If interested please write for prices.

## COLORADO BLUE SPRUCE—Picea Pungens

The rich blue color, a pronounced characteristic of all these specimens enhances the value of the Colorado Blue Spruce for single tree or group plantings:

Each 18 inches \$10.00, per pair \$17.50.  
Each 24 inches \$12.50, per pair \$22.50.  
Each 36 inches \$15.00, per pair \$28.00.  
For larger sizes and prices please write.  
Above prices, f. o. b. Helena.



Black Hill Spruce

## OUR "FOUNDATION PLANTING" COLLECTIONS

### NO. 1

One Virginia Creeper, One Japanese Barberry, One Russian Honeysuckle, One Coral Berry, One Dog Wood, Two Lilacs (White and Purple), Two Spireas,

ALL FOR

**\$6.00**

Delivered to Your Nearest Express Station

### NO. 2

Two Japanese Barberry, Two Russian Honeysuckle, Two Lilacs (1 white, 1 purple), Two Caragana, Two Spireas, One Virginia Creeper, One Sumac, One Elderberry, One Coral Berry, One Dog Wood.

ALL FOR

**\$9.50**

Delivered to Your Nearest Express Station

DON'T OVERLOOK OUR FRUIT TREE COLLECTIONS POSITIVELY NO CHANGES FROM THE ABOVE LISTS.



# DEPARTMENT OF FRUIT TREES AND SMALL FRUITS

We specialize in fruit trees and small fruits, especially suited to Northwest conditions, and cater to those requiring from 1 to 100 or more trees for home orchard purposes. Our list of varieties is not large for the reason that we list only those that have proven suitable to our climatic conditions. All the trees, etc., listed we can unhesitatingly recommend as being hardy of thrifty growth and clean, and good stock of standard varieties. After nearly forty years in the Nursery business in the State we feel we are in a position to give invaluable aid to purchasers of fruit and other trees.

## APPLES

**Duchess of Oldenburg**—One of the hardiest and most productive of our large apples. Fruit streaked red. (Fall variety). Each 5-6 ft. \$1.25, per doz. \$12.00.

**Yellow Transparent**—Earliest of splendid quality, and does well in any exposed situation. Fruit light yellow. Each 5-6 ft. \$1.25, per doz. \$12.00.

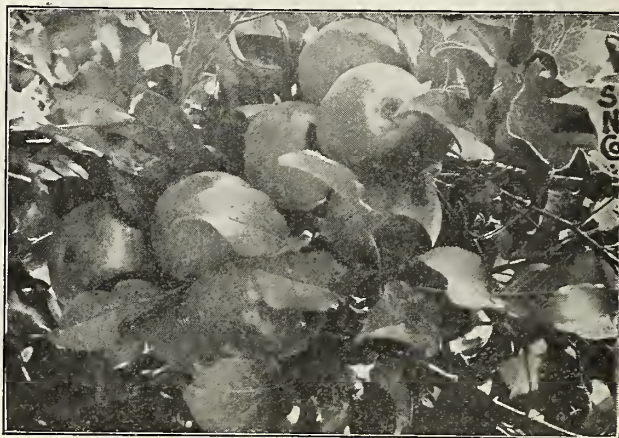
**Hibernal**—A splendid fall variety, very hardy. A really good apple for exposed situation. Each 5-6 ft. \$1.25, per doz. \$12.00.

**McIntosh Red**—Too well known to need description. Each 5-6 ft. \$1.25, per doz. \$12.00.

**Wealthy**—Does well wherever grown—leading winter variety for Montana. Large red fruit. Each 5-6 ft. \$1.25, per doz. \$12.00.



Rocky Mountain Cherry



Duchess

## CRAB APPLES

**For preserving, jellies and ornamentation**  
All are unequalled for cider or vinegar. The Trees are noted for their hardiness and vigor, and usually bear the second season after planting. From an ornamental standpoint alone these trees are well worth planting.

**Transcendent**—Very productive; fruit yellow with red cheek. The variety generally used for jelly. Each 5-6 ft. \$1.25, per doz. \$12.00.

**Whitney**—Bears quantities of very large fruit. Good both for eating and cooking. Very hardy. Each 5-6 ft. \$1.25, per doz. \$12.00.

**Red Siberian**—One of the hardiest and most prolific fruiting Crab Apples yet introduced. Each 5-6 ft. \$1.25, per doz. \$12.00.

Larger trees of any of the above \$2.50.

## CHERRIES

Cherries do very well in some parts of Montana, while in others they will not succeed. We advise our customers, where Cherries are not grown, to test a tree or two before attempting to plant on a large scale. This will lead to practical knowledge for the different localities, and prevent severe disappointment.

**Early Richmond**—A splendid variety in dark red. Each \$1.50, \$2.50 and \$3.50.

**Montmorency**—A good hardy red variety. Each \$1.50, \$2.50 and \$3.50.

**English Morello**—A good hardy red variety. Each \$1.50, \$2.50 and \$3.50.

## ROCKY MOUNTAIN CHERRY

Grows to a height of four feet and its load of white blossoms in Spring is followed by quantities of black fruit that ripens late. A distinct bush. Fruit valuable for preserving, one or more should be in every garden.

Each 3 ft. \$1.00 doz. \$10.00. Each 2 ft. 50c. doz. \$5.00.

## NATIVE CHOKE-CHERRY

This native tree is extremely useful, absolutely hardy, and should be generally grown both for shade and fruit. The fruit is produced most abundantly and is very valuable for jelly. Each 5 feet \$1.00, doz. \$10.00.

We can supply Apples, Crab Apples, and Plums of larger size at \$3.00 and \$4.00 each.

Don't Overlook Our Fruit Tree and Berry Collections

All prices on trees, shrubs, and plants include delivery to your nearest express station.



PLUMS

The Plum should have a place in every orchard or fruit plantation. Being a native fruit, it is of the most easy culture, and a great bearer. May be planted close together as they appear to do best when grown in thickets. We feel that from those quoted a collection can be made that will suit any customer wishing standard varieties for a home orchard. Useful for sauces, jelly, butter or preserves.

**Underwood**—Very hardy and very prolific. Fruit large, red, juicy, good quality. An early and regular bearer. Quality excellent. This variety we can highly recommend. Even the small trees in our grounds are literally covered with fruit.

**Waneta**—The most delicious of all plums. The best of Prof. Hansen's introductions. Extra large size, two inches in diameter. Hardy anywhere in the Northern States. An early and prolific bearer, often producing a good crop in two years from planting.

**Red Wing**—This is one of the largest in size of fruit yet produced at the Fruit Breeding Farms, ripens in mid-season, with beautiful red freestone fruits of very high quality.

**Monitor**—A vigorous grower, making a wonderfully well shaped tree, yielding large red, very firm fleshed fruit, of good quality.

**Hanska**—A very vigorous growing native plum. Fruit one of the best of the American plums that has been introduced. Flesh firm and juicy.

**Surprise**—Fruit large, skin medium thick and tender, of bright red color, flesh pale yellow and of excellent quality.

**Terry**—Another American Plum originating in northern Iowa, and has proven very hardy. A large fruit, color red over yellow, round shape, thick skin, yellow flesh of splendid quality.

**De Soto**—Large oval, light yellow and red, sometimes mottled, juicy, good quality. An early and regular bearer, producing large crops. One of the very best.

Each, \$1.50; doz., \$15.00.

**COMPASS CHERRY**—A cross between a cherry and a plum. It is very hardy, and will thrive where many other trees will hardly grow. In the spring it is covered with a dense mass of blossoms, making it invaluable for a decorative plant anywhere. It bears enormous quantities of fruit, ripening late in the season, and which are extra fine for jelly making purposes. Each 3-4 feet 75c.

CURRENTS

Currents are hardy, very prolific, and their qualities for jelly making appeal to every housewife. Our stocks are good—in the best possible condition. Can be grown where scarcely any other fruit can or will mature.

**Perfection**—This is perhaps the very best variety of Red Currant that was ever introduced. It is a prolific yielder, with a rich sub-acid flavor. The fruit being very pulpy and contains but very few seeds. Our stocks of this valuable small fruit are unsurpassed, and we strongly recommend this variety to be grown both for commercial and home use.

**Red Cherry**—Very productive, color a bright red, in profuse clusters. Large fruit, fine for jelly making.

**Fay's Prolific**—Fruit average, bright red color, thin skin. Very productive.

**White Grape**—The best white variety, of very bushy habit of growth yielding large quantities of large white fruit.

**NOTE**—Owing to the attacks of White Fine Blister rust in the Northwest, we are requested by the U. S. Forestry and Agricultural Department not to offer Black varieties of currants for sale.

Prices of Currant Bushes

1 year each	35c	doz. \$2.60
2 year each	70c	doz. \$5.75



Current

GOOSEBERRIES



Gooseberries

Gooseberries grow and fruit exceptionally well in Montana, and should be far more grown than is the case. They yield enormously, and for preserving and pie making are unexcelled.

**Houghton**—One of the old varieties tried and tested for years. A strong grower and an annual bearer of fruit of fair size.

**Oregon Champion**—A splendid green variety, hardy, of good size and flavor. This variety is more generally grown on the Oregon fruit farms than any other, for market purposes.

**Columbus**—Hardy and large, and we have grown it for years in unsheltered positions. (See Color Page).

Each, 65c; doz., \$6.00

GRAPES

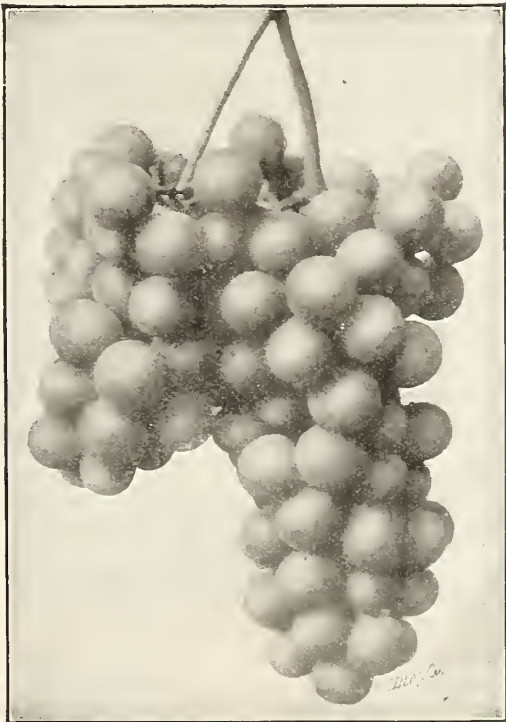
The following varieties are among the hardiest.

**Alpha**—A very hardy and prolific variety excellent for jellies etc. Produces extra large bunches of dark colored grapes. Very vigorous and a variety especially suited for the Northern States. Each, postpaid 65c.

**Beta**—A hardy northern hybrid, deep purple in color, medium size, and considered one of the best varieties for jelly and similar uses. Vigorous grower, does well anywhere and is especially adapted to the northern states. Each, postpaid 50c.

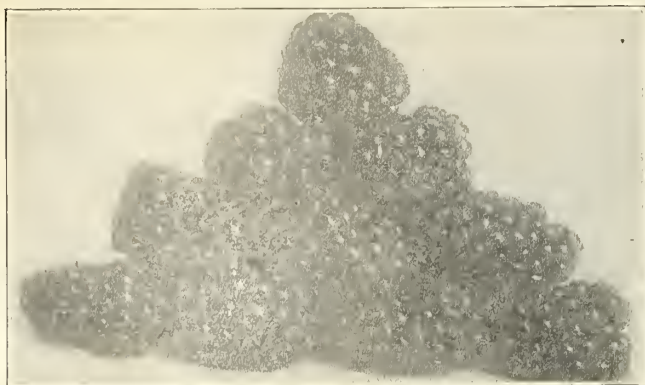
**Campbell's Early**—An improved Concord of good quality. Each, postpaid 50c.

**Concord**—The most popular, very hardy, vigorous, and productive. Each, postpaid 50c.



All prices on trees, shrubs, and plants include delivery to your nearest express station.





### MONTANA GROWN BLACKBERRIES

We have been very fortunate in securing stocks of a Montana grown blackberry that we can highly recommend. The bushes make exceptional growth and produce enormous quantities of good sized, luscious berries. These berries are sweet and mild and are free from the bitter taste common to most of the black varieties. The berries are attractive and fine for table purposes, jams, pies and jellies. Very hardy and thrifty.

1 dozen, \$1.00; 2 dozen, \$1.75.

After the first freeze and when the plants are free of leaves throw a covering of coarse straw, around the canes or lightly earth up with soil.

### RASPBERRIES



Raspberries are a splendid small or bush fruit for Montana. As a rule they are hardy, very prolific and require but comparatively little care to produce splendid fruit.

**King**—This raspberry is one of the very best of the red raspberries. It is very hardy, and yields enormously. In our nurseries it has proven to be one of the very best we have yet found. The fruit is large and luscious, and will ship well. It is not considered as an everbearer—but with us it certainly yields as much fruit as some of those so classed.

**Marlboro**—A large sweet red variety and a strong grower.

**Gregg**—The best of the black raspberries, and a splendid yielder. This is the variety of black raspberry generally grown for market purposes.

Any of the above three varieties—\$1.00 per doz.

### EVERBEARING RASPBERRIES

**St. Regis**—Everbearing red. This is perhaps the best known of the everbearing type, and has proven well adapted to general Montana conditions. We have excellent reports on this variety from the western part of the state to the southeastern. Well worth a trial. A very prolific yielder of delicious flavor. Per doz. \$1.25, postpaid.

### OUR FARMERS' HOME ORCHARD COLLECTIONS

#### NO. 1

One Apple  
One Crab Apple  
One Cherry  
One Plum  
Three Currants  
One Gooseberry  
Six Blackberries  
Six St. Regis Raspberries

**ALL FOR \$6.50**

Delivered to Your  
Nearest Express Station

#### NO. 2

Three Apples, assorted  
Two Crab Apples, assorted  
One Cherry  
Three Plums, assorted  
Six 1 yr. old Currants  
Three Gooseberries  
Six Blackberries  
Six St. Regis Raspberries

**ALL FOR \$12.00**

Delivered to Your  
Nearest Express Station

### STRAWBERRIES

Pamphlet on Strawberry and Bush Fruit Culture **FREE**, on APPLICATION

The fruiting plant that stands the severe conditions of Montana's climate with splendid credit to itself is the Strawberry. For the space it occupies in the garden it is hard to find anything to equal it and our patrons show a constantly increasing appreciation of this fact.

We desire to call especial attention to the Everbearing varieties quoted. They should prove of more than usual merit for both home culture and market purposes. About 8,000 plants to the acre.

We do not recommend fall planting in Montana.



### EVERBEARING STRAWBERRIES

This type of Strawberry is becoming a great favorite in the northwest. Their extreme hardiness, combined with their long bearing season, make them doubly valuable.

### CHAMPION EVERBEARING

Derived from a seedling of Superb. Similar in many respects but larger fruited and more productive. Can stand a great deal of grief and show results in seasons where others fail.

Prices, 100 postpaid \$2.50; 500 postpaid \$10.00, 1000 postpaid \$17.50.

**Progressive**—One of the first of this type to be introduced, and is still considered one of the best. It is extremely hardy, very productive, bearing well formed berries of a most delicious flavor. This variety is more generally grown than all others in Montana, and is equally valuable for the home garden or the commercial grower. (See Color Page).

### PROGRESSIVE PRICES

50 plants postpaid	\$1.00	500.....	\$ 8.00
100 plants postpaid	2.00	1000.....	14.00

### STANDARD TYPE VARIETIES

#### PREMIER—"The Berry without a fault"

A variety more largely planted than any other. Excellent for both home and market purposes. Practically rust and disease resistant. Berries large, bright red in color and very uniform in size. The best early berry of them all.

50 plants postpaid	\$1.75	500.....	\$12.50
100 plants postpaid	3.00	1000.....	20.00

**Senator Dunlap**—Hardy, strong grower, prolific plant-maker, good bearer of firm berries that stand transportation well. The best early mid-season berry for Montana and more generally planted than any other. Perfect flowering.

50 plants postpaid	\$1.00	500.....	\$ 8.00
100 plants postpaid	2.00	1000.....	14.00

All prices on trees, shrubs, and plants include delivery to your nearest express station.

**DON'T OVERLOOK OUR WINDBREAK AND FRUIT TREE COLLECTIONS**

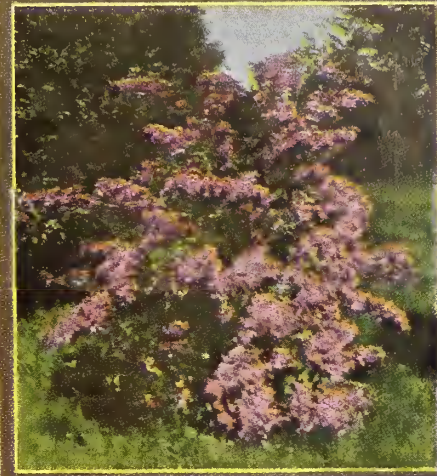




Lilac



Mock Orange



Beauty Bush



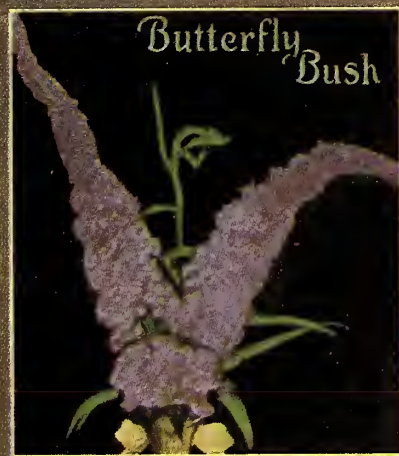
"Philadelphus"



Spirea  
Van Houttei



"Bridal Wreath"



Butterfly  
Bush



Rose F.J. Grooteffendesi



Snow Berry



Snow Ball



Red-Leafed Japanese Barberry

We are pleased this year to offer to our customers the new BEAUTY BUSH (*Kolkwitzia amabilis*) which Jackson and Perkins Company, of Newark, New York, who introduced this plant into this country describe as follows:

"An exceedingly handsome ornamental shrub which has come to us from the wildernesses of China and Central Asia. The foliage and habit are attractive when the bush is out of flower and it is perfectly hardy as far north as Montreal.

"It grows 6 to 9 feet high when mature and as much through, erect and spriggy, producing long, arching branches covered in

spring with clusters of small tubular flowers of the honeysuckle type, borne in such profusion that the bush is one cloud of delicate pink.

"BEAUTY BUSH has all the merits of a perfect shrub: hardiness, year-round beauty in foliage and habit, and an amazing profusion of flowers of beautiful color."

Our stock of this plant is three years old and three to four feet in height. Each, \$3.50.

Descriptions of the other plants pictured on this page will be found on pages 38 to 40 of the catalog.





#### AMBASSADEUR—

One of the very finest and most showy of Irises on the market. The plant is a tall, well branched, and very robust grower producing flowers of exceptional substance. The "Standards" are lavender and the "Falls" deep red violet with a rich orange beard. Ambassadeur and Mother of Pearl are the two outstanding Irises of today. Each, postpaid, \$1.00.

## Four Grand IRIS

#### LENT. A. WILLIAMSON—

Rated in 1922 by the American Iris society as the finest Iris in the world. (S) Campanula blue. (F) Rich royal purple with yellow beard. Very tall and distinct. Each, \$1.00.

#### LORD OF JUNE—

(S) Light lavender blue. (F) Deep lavender blue reticulated brown at base. Tall plant with very large blooms. Each, \$1.00.

#### MOTHER OF PEARL—

Standards and Falls pale bluish lavender, with a faint creamy undertone. Large flowers of perfect form and exceptional substance. The creamy under-tone of this exceptional substance often assumes the luster and iridescence which we see in the beautiful lining of many sea shells which produce Mother of Pearl. The plant is tall, a vigorous grower, and a profuse bloomer. Each, postpaid, 50c.





# Vegetable Plants and Garden Roots

## TOMATO PLANTS

Tomatoes can be grown in Montana with great success except in the highest altitudes. As a staple article they should be grown more extensively than they are, although the quantity now grown is very large. It is also found practical to grow sufficient quantities of this delicious and healthful fruit for canning purposes as well as for fresh table consumption. For quick results we strongly recommend our pot-grown plants which we produce by the thousands. The picture below will give you an idea of size, etc. of both the 3 and 4 inch pot grown stock. We grow quantities of the best known varieties in our testing grounds and we strongly urge all interested to pay us a visit and note our methods of growing.

For those who prefer box or flat grown stock we also carry all the varieties listed below.

Number of plants required per acre 2904, staked or upright method, 3 feet in the row and 5 feet between rows.



Specimen of 4 inch and 3 inch Potted Tomatoes

Pot grown plants while more expensive are far more satisfactory, and when only a few are to be planted, we strongly advise the pot grown, as they will under normal conditions produce far more fruit and produce it earlier, a most decided advantage in regions where early frosts prevail.

The following varieties are best suited for our climate.

**Marglobe**—A variety introduced by the United States Dept. of Agriculture. It is of fine appearance, noted for its great productivity, deep globe shape and superb table qualities. Color, a beautiful scarlet that ripens well up to the stem. Rust resistant.

**Market King**—A variety that has met with much favor. A medium sized fruit, and a heavy cropper.

**Orange Sunrise**—One of the best yellow varieties yet introduced. A free fruiter of medium size.

Dozen 3 inch pot grown postpaid \$1.50; Dozen 4 inch pot grown \$3.00; Dozen from boxes postpaid 80c; 100 \$5.00.

**John Baer**—One of the earliest varieties for Montana, of splendid color and flavor. A heavy yielder and good sized fruit.

**Bonny Best**—Another good early sort.

**Earliana**—Fruit large.

**Alpha Pink**—The earliest pink tomato in cultivation.

Dozen, 3 inch pot grown plants, postpaid.....\$1.25

Dozen, 4 inch pot grown plants, postpaid.....\$2.50

Dozen, from boxes, postpaid, 65c; 100.....\$3.25

Six at the Dozen Rate.

For Tomato blight or Brown Leaf Spot use Bordeaux Mixture Use Slug Shot for Worms.

Free on Application—Pamphlet on the Growing of Tomatoes

## ASPARAGUS ROOTS

Asparagus is today one of the most used vegetables. It is very easily grown, and a bed when once established will more than repay any housewife who loves to have this delightful vegetable for her table in the early spring, and also for canning for winter use.

**Palmetto**—Early and of excellent quality.

Dozen, 1 year old postpaid .....45c, 100 \$2.40

Dozen, 2 year old postpaid .....60c, 100 \$3.60

**Washington Rust Resistant**—A new variety, above all others in size, vigor, quality, and tenderness.

Prices, Doz., 1 year old, postpaid, 50c; 100, postpaid, \$3.00; 2 year old, doz., postpaid, 75c; 100, postpaid, \$4.00.

For a home garden, plant asparagus roots 18 inches apart in rows 2½ feet apart, 100 roots for a patch 20x20 feet. 5000 to 7000 roots will plant an acre.

## CHIVES—Snittlauch

Small, hardy perennial plants, resembling the onion in appearance and growing in clusters. They are grown for the young leaves, which are produced from early in the Spring throughout the summer. They give a mild onion flavor to sausages, salads and various dishes. As soon as the tops appear in the Spring they can be snored off close to the ground, as needed. There should be a cluster in every garden.

Each Cluster, postpaid .....25c, doz. \$2.00

## EGG PLANT

Ready May 20th.

To have success with egg plants it is necessary to get our pot grown plants. Set out in a sheltered sunny location.

Price per doz., 3 inch pot grown, postpaid.....\$1.50

## HORSE RADISH

(Nice Roots)

Each postpaid .....15c, doz. \$1.25

## MINT

Spear—For mint sauce and flavoring.

Each postpaid .....20c, doz. \$2.00

## PARSLEY

A valuable herb used for seasoning and garnishing.

Each postpaid .....10c, doz. \$1.00

## PEPPER

Ready May 20th.

**Large Bell or Bull Nose**—The variety for Montana.

Large early variety. Flesh is thick, of a mild flavor and of a shape that is desirable for filling, prepared in which manner they are delicious. Good bearers, excellent for home and market.

**Cayenne Long Red**—The real red hot kind, very prolific.

**Pimiento**—The mildest flavored of all peppers, grown extensively for pimientos, pickles and pulp. Very productive—its smooth, thick flesh and uniform shape make it an excellent shipper.—Should be in every garden where a sweet flavored pepper is wanted both for salad or stuffing purposes.

Price of any of the above varieties, per doz., postpaid, 65c; 100 postpaid, \$4.50.

## RHUBARB—Pieplant

33 to 100 ft. of row. 5000 to acre. 5x3 feet.

Requires a deeply cultivated and thoroughly manured soil—the more the manure the better the stalks.

Very easily grown and becoming yearly in greater demand. No housewife can afford to be without it. Our VICTORIA strain is not surpassed by any for its fine grain, its early propensity and delicious flavor. Excellent for pies and sauces and of great value for canning for winter use.

Rhubarb can be cured by cutting the stalks into small pieces; stringing them and exposing to the sun until perfectly dry. Keep in a dry place.

S. N. & Co's Victoria—Large red stems.

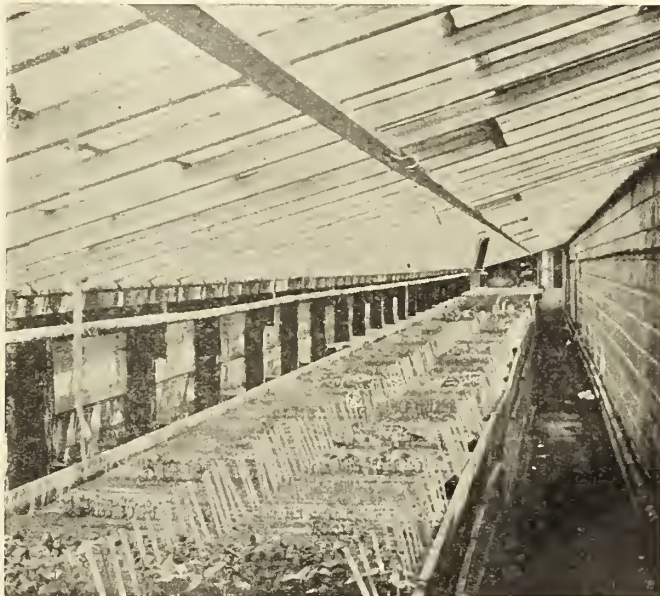
Each, postpaid, 2 yr. old.....35c, doz. \$3.00

If wanted in quantities—write for prices.

## SAGE

A valuable herb used for seasoning.

Per doz. postpaid .....75c



Seed Testing at Nursery

GIVE US A TRIAL IF YOU HAVE NEVER BOUGHT PLANTS FROM US



## CABBAGE



A field of Copenhagen Market Cabbage in our testing grounds, demonstrating that our own Montana grown cabbage plants are the best.

As last year, we are listing only our own cabbage plants for actual results have shown they make better growth than the so-called frost proof cabbage for they do not receive the "set back" suffered by the latter.

Our cabbage plants are grown in cold frames and are therefore hardy. Should the season be normal we shall be ready to ship about May 1st, if late we shall ship accordingly. To secure the best and quickest results irrigation is necessary on dry land. Too early planting of the late varieties often results in "splitting." Early cabbage may be set out in May but the late varieties should be planted from June 1st on, about the 15th of the month being the right time. The varieties we offer are those which have proven the best in weight and quality for this section.

Early cabbage 10,000 to 12,000 plants per acre.

Late cabbage 6,000 to 8,000 plants per acre.

The following cabbage plants will be ready about May 1st and can be successfully planted to the middle of June.

## Early Varieties

Ready about May 1st to June 15th

**Copenhagen Market**—Early round head, vigorous grower and yielder and one of the best.

**Early Jersey Wakefield**—Early cone-shaped heads, uniformly hard and solid. Few outside leaves, heart well blanching.

**Glory of Enkhuizen**—Earliest and largest white cabbage—solid ball shaped heads with few outside leaves, very tender—heavy yielder.

## Late Varieties

Ready about May 10th to June 15th

**Late Flat Dutch**—Heads large, bluish green, sure header, good keeper—excellent fall and winter variety.

**Hollander or Danish Ball Head**—Vigorous compact grower, exceedingly hardy in resisting cold or dry weather, heads very solid and of fine quality—good shipper.

**Danish Round Head—Improved**—Very vigorous, wonderful capacity for withstanding hot sun, very solid, crisp and tender.

## Prices of Early and Late Cabbage

Thousand, postpaid .....	\$7.50
Hundred, postpaid .....	\$1.00
Fifty, postpaid .....	\$.60
Twenty-five, postpaid .....	\$.40

**Red Cabbage**—The most solid of the Red Pickling varieties, sure heading and tender.

**Savoy Cabbage**—The finest solid heading Savoy, plants being strong and vigorous and withstands the ravages of the Cabbage worms better than other sorts.

**Brussel Sprouts**—A very palatable cabbage vegetable. Very easily grown and profitable for the market gardener.

## Prices of Brussel Sprouts, Red Cabbage, and Savoy Cabbage

Hundred, postpaid .....	\$1.50
Fifty, postpaid .....	.90c
Twenty-five, postpaid .....	.50c

## CAULIFLOWER

Ready about May 1st to June 15th

50 plants per 100 ft. of row. 8000 plants per acre 3ftx2ft. Cauliflower grows splendidly in Montana. A money making crop in favored sections.

<b>S. N. &amp; S. Co.'s Snowball</b> —For Fall and Winter use.	
Hundred, postpaid .....	\$1.50
Fifty, postpaid .....	.80c
Twenty-five, postpaid .....	.50c
Doz. postpaid .....	.30c

## CELERY

Ready about May 1st

14,000 to 15,000 Plants to the Acre. 100 to 100 ft. of row.

**S. N. & S. Co.'s Golden Self-Blanching**—Early, solid, crisp delicious flavor

**S. N. & S. Co.'s White Plume**—For Fall and Winter use. Self blanching.

1000, postpaid .....	\$10.00
Hundred, either variety, postpaid .....	\$1.40
Fifty, postpaid .....	.90c
Twenty-five, postpaid .....	.65c

## CUCUMBER

Ready about May 20th

The demand for our specially pot grown cucumbers has made rapid strides. We grow from 3 to 4 in a pot, sufficient for a hill and should not be divided, but set out as received. All plants are shipped in paper pots.

We have splendid White Spine, Long Green and Boston Pickling varieties.

From pots, each, either kind, postpaid .....20c, doz. \$1.75

## BERMUDA ONION PLANTS—Southern Grown

We have made arrangements to handle the above variety of onion plants which will be of exceptional quality.

In 1000 lots postpaid \$3.00; 500 at 1000 rate  
In 100 lots postpaid .75; 50 postpaid 50c

If wanted in larger quantities please write for prices.

## SWEET POTATO PLANTS

Plants ready about May 25th

**Culture**—Set plants about 18 inches apart. For a few days after planting protect against extreme heat, strong wind and cold nights. A warm soil with a southerly exposure is the ideal. For those who wish to try Sweet Potatoes we are listing the Yellow Jersey which is probably the best for Northwest conditions.

Dozen, 50c, postpaid; 50, \$1.25, postpaid; 100, \$2.00, postpaid.

If convenient you should visit our seed trial grounds and see the different varieties of vegetables growing.



Field of Our Mountain Danvers Onion (Seed)

GIVE US A TRIAL IF YOU HAVE NEVER BOUGHT PLANTS FROM US



# CUT FLOWER DEPARTMENT

We are members of the FLORIST'S TELEGRAPH DELIVERY ASSOCIATION, composed of several thousand bonded florists and with their aid can deliver flowers anywhere on short notice and at any specified time. You can save the cost of a telegram if there is time to write.

**"SAY IT WITH FLOWERS"**  
For  
Congratulations, Well Wishes, Affections, Joy,  
Sympathy, Good Cheer.  
Remembrances  
Birthdays, Weddings, Anniversaries, Holidays,  
Family Gatherings and Convalescing Days.



A Vase of Our Roses

Our Cut Flower Department is one of the most complete and fully equipped of any firm in the Northwest. Our large plant, consisting of fifty-five greenhouses covering over five acres, gives a large variety of blooms. Our aim is to produce flowers of the highest quality and by the introduction of new varieties to keep improving the selections that we have to offer you.

All of our work is finished in an artistic manner by competent florists and every care in packing is taken so that the flowers will reach you in perfect condition.

When time is limited, it is always best to use either phone or telegraph, so as to enable us to make proper delivery of the order.

Our customers will obtain from these pages some idea of what we have to offer, and we can always be relied upon to furnish the latest and most appropriate designs in anything floral, for any occasion whatever.

For flowers of any description, telegraph or phone 327, Helena, Montana, any time before 6:00 P. M. After 6:00 P. M., telegraph the State Nursery and Seed Company, Helena, Montana, and we will guarantee satisfaction.



A Vase of Our Carnations

\$3.00

Postpaid

OUR BOUNTIFUL BOX

\$3.00

Postpaid

Contains a selected assortment of seasonal flowers arranged in gift form for any season of the year.

A Very Popular Present.

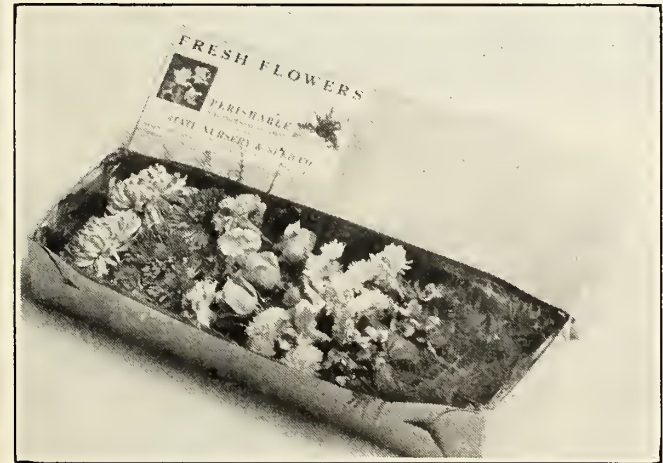
SPECIAL BOXES CUT FLOWERS

We take great pride in our Box Assortments of freshly cut flowers and in this particular specialty every box will be found to contain choice, seasonable flowers of the highest grade, all packed artistically and sent ANYWHERE EXPRESS PREPAID.

\$5.00

\$7.50

\$10.00



Bountiful Box

**CANDLES**

We have a complete assortment in various colors so that we can carry out any color scheme.

**Tapered Polychrome**, 12 inch, any color, per pair, 35c postpaid

**Dinette Tapers**, 19 inch, any color, per pair..... 55c postpaid

**Superla Dinner Tapers**, 24 inch, any color, per pair, 55c postpaid

**Yuletide**, 15 inch, 1 1/4 inch diameter, red only, each 60c postpaid

We have a splendid line of baskets, jarlinieres, bowls, vases and candlesticks. Write us if in need of anything in this line.

We wish all our customers and friends to feel that they have at their command one of the largest and best equipped floral establishments in the Northwest and that in times of emergency they can feel free to order, feeling assured that they will get the best possible prices on all flowers in season and that orders will be filled promptly and the account rendered in the usual way.

After visiting our plant you will become a booster for the State Nursery and Seed Co.





One of Our Corsages of Violets and Roses.

### CORSAGES

Our corsages are made of roses and sweet peas, also violets and orchids when in season.

Prices, \$2.50—\$3.00—\$5.00—\$7.50 and \$10.00

### STATE NURSERY SPECIAL CORSAGE.

These are made of choice flowers of our selection and are guaranteed to give satisfaction. They are very neat and nifty, contain extra value and are very popular.

Each \$2.50

All corsages are tied with ribbon to match the flowers and pins accompany them.



A Vase of Chrysanthemums, The Thanksgiving Flower

### CUT FLOWERS

Roses—Red, pink, and white	Per Doz. \$3.00, \$5.00
Carnations	\$1.50
Violets	per bunch \$ 50
(Season Nov. to April.)	
Chrysanthemums, choice yellow, pink and white.	\$3.00, \$5.00, \$7.50
Pom-Pon Chrysanthemums	\$2.50
(Season Oct. to Dec.)	
Tulips	\$1.50, \$2.00
(Season Feb. to May.)	
Narcissus	\$1.50
(Season Feb. to April.)	
Freelias	Per Doz. \$1.50
(Season Nov. to Feb.)	
Gladiolus	\$3.00
(Season May to Oct.)	
Asters	\$1.00
(Season July to Oct.)	
Peonies	\$3.00
(Season June.)	
Orchids	each \$3.00
Easter Lilies	\$5.00
(Season April to June)	
Calla Lilies	\$5.00
(Season Oct. to May)	
Fern Leaves	\$ .25
Maiden Hair Fern per doz., sprays	\$ .60
Asparagus Plumosus, per doz. sprays	\$ .75
Asparagus Sprengeri, per doz. sprays	\$ .75



One of our large Chrysanthemums

For Anniversaries, Birthdays, etc., we carry the latest novelties in baskets, ferneries, jardinières, etc., from \$1.50 up.

### A SUGGESTION

A nice blooming plant or a fern makes an ideal gift or remembrance.

Our selection of plants in season \$1.00—\$1.50—\$2.50—\$5.00.

### WEDDINGS

At formal weddings, flowers always play a very important part. Having at all times a large production of flowers under glass a choice selection for wedding bouquets is always available.

Brides bouquets are usually "showered" while those for bridesmaids have short ribbon decorations. When we furnish bridal bouquets our patrons may depend upon getting the same in styles dictated by the latest fashions. When ordering bouquets for bridesmaids it is well, if possible, to make known the shades of the dresses these ladies are to wear.

**Shower Bouquets**—Composed of Orchids, Bride Roses or other seasonable flowers. Price \$10.00 to \$35.00.

**Bridesmaids Bouquets**—In colors to correspond with the ladies' gowns. Price \$5.00 to \$25.00.

Prices naturally vary depending upon the desire of the customer as to the content, arrangement, etc., of the bouquet.

A Postcard will bring any of our special folders which we issue at Christmas, New Year, Easter, Mothers' Day and Decoration day.

### FUNERAL FLOWERS

No word of mouth or stroke of pen can carry that message of heartfelt sympathy which flowers so suitably express.

We can at very short notice furnish any kind of design or emblem and all our productions will be found to be not only artistic and true to sentiment but containing also that touch of distinctiveness which makes them different.

**Funeral Sprays** (all arranged with a good foundation of green) from \$2.50 and up.

**Wreaths**—\$5.00—\$7.50—\$10.00 and up  
**Pillows**—\$7.50—\$10.00—\$15.00 and up

### EMBLEMS OF FRATERNAL ORGANIZATIONS

Prices range from \$5.00 to \$25.00 each. When ordering state amount you wish to pay and we will guarantee satisfaction.

### DECORATIVE WREATHS AND SPRAYS

For Cemetery Use.

Very satisfactory, a large number being sold for this purpose at Christmas and Memorial Day. Made of prepared foliage and flowers artistically arranged.

Prices \$4.00, \$5.00 and \$6.00 each.



S. N. & S. CO'S.  
PEERLESS

# FLOWER SEEDS

COMPLETE  
LIST

ALL FLOWER SEEDS ARE POSTPAID  
What is Home Without Beautiful Flowers?

The following pages contain seeds of annuals, perennials and biennials, which terms are explained opposite. The choice of flowers for a bed or border should be made on no other basis than beauty, and to obtain the best results and a continuance of bloom it is often necessary to combine annuals and perennials.

All the seeds of annuals do well if planted in the open ground from the 1st to the 15th of May and perennials if planted early will give some bloom the first year, although, of course, it is the second and successive years they are at their best. The chief essentials for success with all flower seeds are to have the soil well worked with a fine seed bed and not to sow the seeds too deeply. Where early plants are desired seeds may be started in the house in boxes.



Annual Flowers in our Trial Grounds

**Annuals**—Bloom first year from seed and die after one season.

**Biennials**—Bloom second year from seed and plant dies after second year.

**Perennials**—Bloom second year from seed and plant live and blooms for several years.

**Tender**—Means plants will not stand the least frost.

**Half-Hardy**—Means plant will stand a little frost and needs protection.

**Hardy**—Means plants will stand considerable frost.

## ABRONIA UMBELLATA—Sand Verbena

Very pretty trailing plants with numerous clusters of sweet-scented flowers. Is excellent for growing in baskets, rockeries or the open border. Rosy pink. Does well in light soil. Annual. Pkt., 5c.

## ACROLINIUM—Everlasting Flower

A very pretty half-hardy annual, producing white and rose colored double daisy like flowers. These are known as "Immortelles" and are desirable for wreaths and winter bouquets. Double mixed. Pkt. 10c, ¼ oz. 25c.

## AFRICAN DAISIES

### BLUE EYED DAISY

Easily grown from seed. The daisy-like flowers measure 2½ inches across. They are silvery white with a sky-blue eye surrounded by a narrow yellow zone. The under part of the petal is lilac-blue. Borne on long stems above the foliage. One of our most attractive annuals. Pkt. 10c, ¼ oz. 35c, ½ oz. 55c.

## AFRICAN GOLD DAISSY

(*Dimorphotheca Aurantiaca*)

The single daisy-like flowers are 2½ inches in diameter, and of a unique glossy terra cotta orange, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. The plants grow from 8 to 12 inches high and are very profuse flowering especially in dry situations. Hardy annual. Pkt. 10c, ¼ oz. 35c; ½ oz. 55c.



African Gold Daisy

## ALYSSUM (Martinum)

### Sweet Alyssum

Six to eight inches high. A fragrant hardy annual, bearing spikes of small white flowers in great profusion throughout the summer and autumn. Useful for border or early bedding flowers. Sow the seed early in spring. Pkt. 5c, ½ oz. 20c, oz. 35c.

**Little Dorrit**—A novelty of late introduction of dwarf and very bushy habit. Exceedingly useful for border and cemetery purposes. Small white flowers. Pkt. 10c, ¼ oz. 25c, oz. 75c.

**Lilac Queen**—Hardy Annual. Deep lavender lilac. Pkt. 10c, ¼ oz. 40c.

**Little Gem or Carpet of Snow**—Three to four inches high, pure white, fine for borders. Pkt. 10c, ¼ oz. 25c, oz. 75c.



Alyssum (Little Gem)

**ALYSSUM SAXATILE COMPACTA**—or (Basket of Gold)—A hardy dwarf perennial, very useful for rockwork, literally covering itself with yellow flowers. Blooms first season if sown early indoors. Pkt. 10c, ¼ oz. 50c.



Ageratum Blue Perfection

## AGERATUM Floss Flower

### Blue Perfection

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blue blossoms all summer. They make fine house plants in pots during winter time. Pkt. 5c, ¼ oz. 25c.

## AMARANTHUS TRICOLOR—Joseph's Coat

These plants afford brilliant contrast of colors, being useful for borders and groups; also, where foliage effects are desired. The leaves and stems are of different shades of red, blended with green. Half-hardy annual. Mixed. Pkt. 5c, ¼ oz. 25c.

## ANCHUSA ITALICA—Dropmore Variety

One of the most valuable of the recent introductions in hardy plants. The plants are very vigorous, the rough leaved stems growing to a height of five feet. The flowers are a beautiful, clear, bright blue, and are freely produced all summer, making a most striking plant in the hardy border. Pkt. 10c, ¼ oz. 30c.

## ANTIRRHINUM—Snapdragon

### Tall Giant Flowering Varieties

Antirrhinums in recent years, have become very popular, they are very satisfactory for borders, bedding, pot culture, for house decoration, 2 to 3 feet, bearing long spikes of large flowers.

Giant Rose Pink	Pkt. 10c
Giant Yellow	Pkt. 10c
Giant White	Pkt. 10c
Tall Giant Mixed, pkt.	5c. ¼ oz. 40c

### Half Dwarf Large Flowering Varieties

A splendid type growing about 18 inches high, especially valuable for bedding and cutting purposes.

Daphne, Soft Blush Pink	Pkt. 10c
Defiance, Fiery Scarlet	Pkt. 10c
Firebrand, Scarlet, Yellow Lip	Pkt. 10c
Golden Queen, Rich Pure Yellow	Pkt. 10c
Mont Blanc, Pure White	Pkt. 10c
Rose Queen, Rose pink, Yellow Lip	Pkt. 10c
Half Dwarf, Choice mixed, Pkt. 10c	¼ oz. 50c

### Collection Snapdragons

One packet each of the above six named varieties. (Value 60c).

POSTPAID FOR 50c



Snapdragon

Angel's Breath—(See Gypsophila)

DON'T OVERLOOK OUR SWEET PEA NOVELTIES



## ASPARAGUS

OUR LITTLE  
PRUNING BOOK

Clear and concise  
methods of pruning  
fruit trees, small  
fruits, trees, hedges,  
vines, roses, etc.

Each Postpaid, 40c.



Asparagus Plumosus

**Plumosus Nanus**—A graceful foliage plant with fern-like leaves of a rich green color. The leaves are finely divided and very useful for cutting. An excellent pot-plant. This is a most satisfactory house-plant and will keep in good condition for many years if it is given just average care. Keep the plants near the window and water thoroughly two or three times a week. Pkt. (25 seeds) 25c.

**Sprenger (Emerald Feather)**—This variety is well known under the name "Asparagus Fern" and makes a magnificent pot-plant, with its long, drooping branches. Also grown extensively for cutting. It gives grace and an airy effect to any bouquet. Easy to grow and easy to keep in any well-ventilated living room. The plants increase in size and beauty as they grow older. Pkt. (25 seeds) 15c.

## AQUILEGIA—(See Columbine)

## ASPERULA

**Azurea—Blue**—Grown for its fragrant leaves and stems, when dried have a sweet odor, and are used for putting among clothes, etc. Pkt. 5c, ¼ oz. 25c.

**TINCTORIA**—(Sweet Woodruff)—An old-fashioned fragrant hardy perennial plant, greatly loved for its fragrance when dried, resembling the sweet odor of new mown hay. Bears small white flowers. Eighteen inches. Pkt. 10c, ¼ oz. 30c.

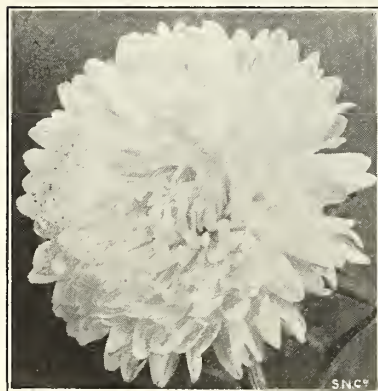
## ASTERS

As a popular flower the Aster ranks with Sweet Peas, Pansies and Nasturtiums. No flower is more popular, and few have held a place in popular esteem for so many years and it is still growing in favor. Hardy Annual. For an autumn show of flowers, we have not its equal. We offer only Asters of superior quality.

We might add we sow our Aster seeds outside about the 1st of May and we always have an abundance of blossoms. Asters so started give excellent results and are not so liable to disease.

## ASTER

## Queen of the Market



Very desirable on account of earliness as well as profuse blooming. The plants are somewhat compact but of branching habit, bearing on long stems from ten to fifteen finely formed double flowers of medium size. The blooms although rather flattened are not so large as those of the late sorts, are fine for cutting. Blooming in latter part of July.

Bright Pink .....Pkt. 10c  
Purple .....Pkt. 10c  
Pure White .....Pkt. 10c  
Lavender .....Pkt. 10c  
Rose .....Pkt. 10c  
Mixed ¼ oz. 50c.....Pkt. 10c

## COLLECTION—Queen of the Market Asters

Five pkts, one each of the named varieties. (Value 50c.  
POSTPAID FOR 40c

## KING ASTERS (Needle Type)

This magnificent class of Aster is different from all others. The long narrow petals are folded lengthwise, appearing as if quilled. The flowers are of great size and substance, and last longer when cut than those of any other class. Bloom in August. 18 to 24 inches.

Crimson King .....Pkt. 10c Rose King .....Pkt. 10c  
Lavender King .....Pkt. 10c White King .....Pkt. 10c  
Pink King .....Pkt. 10c Violet King .....Pkt. 10c

Any of above named varieties ..... ¼ oz. 35c; ¼ oz. 55c  
King Asters, mixed pkt. 10c ..... ¼ oz. 30c ¼ oz. 50c

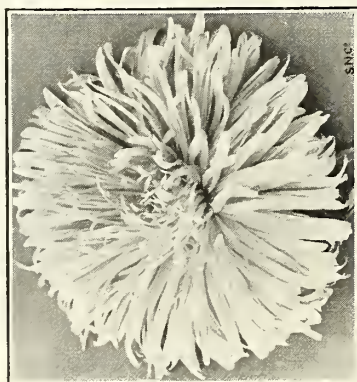
King Aster Collection, six above named varieties (value 60c), postpaid for 50c.

EARLY WONDER OR  
EXTRA EARLY  
EXPRESS

These are the earliest Asters in cultivation flowering middle of July if seed is sown in March. The flowers are of good size, quite double, borne on good long stiff stems, making them of great value for early large blooms.

White .....Pkt. 15c  
Pink .....Pkt. 15c  
Dark Blue .....Pkt. 15c  
Finest Mixed .....Pkt. 15c  
Any of the above named varieties ..... ¼ oz. 75c

Collection Early Wonder Asters, one packet each above named varieties, 35c.

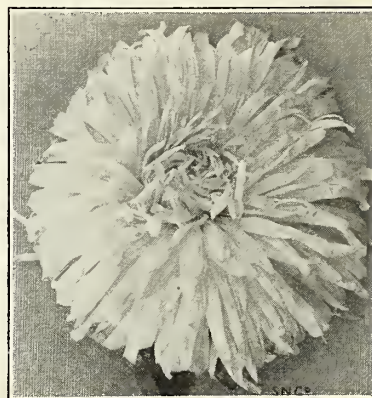


Aster—Extra Early Express

## ASTER—California Giants

This is an entirely new type of Aster, which combines the wonderful habit of the American Beauty Asters. The plants make a strong upright growth, reaching a height of two feet. They branch close to the ground and form a well-rounded bush. The flowers are extremely large, measuring nearly five inches in diameter. The petals are whorled and curled, giving a most artistic shaggy flower like a giant Chrysanthemum. The plants begin to bloom during mid season and continue to produce full-sized flowers until frost. Exceptionally fine for cutting, lasting a long time in water.

**White**—This lovely variety has large long-stemmed flowers of a pure paper white. Pkt. 25c, ¼ oz. 65c, ½ oz. \$1.10, ¾ oz. \$1.90



**Peach Blossom**—This is a charming shade, somewhat similar to peach blossoms. It is a cream-pink of great beauty. The large, well-formed flowers make up into most artistic bunches. Pkt. 25c, ¼ oz. 65c, ½ oz. \$1.10, ¾ oz. \$1.90.

**Light Blue**—A shade of silvery blue of great beauty. This color is a great favorite with both young and old. Pkt. 25c, ¼ oz. 65c, ½ oz. \$1.10.

**Deep Rose**—Is an attractive color which makes a fine display in the garden and is well suited for cutting. It blooms very freely. Pkt. 25c, ¼ oz. 65c, ½ oz. \$1.10, ¾ oz. \$1.90.

## Aster—California Giant

**Dark Purple**—A rich shade of bluish purple. Blooms freely and continuous from midseason until frost. Pkt. 25c, ¼ oz. 65c, ½ oz. \$1.10, ¾ oz. \$1.90.

**California Giants, Mixed**—This mixture contains the proper balance of the five colors described above. It will make a magnificent bed. Pkt. 25c, ¼ oz. 65c, ½ oz. \$1.00, ¾ oz. \$1.85.

## COLLECTION OF CALIFORNIA GIANT ASTERS

We will mail one packet each of the four varieties, Peach Blossom, Light Blue, Deep Rose, and Dark Purple (value \$1.00). Postpaid for ..... 75c

ASTERS—Finest mixed. All colors .....Pkt. 10c, ¼ oz. 40c

## ASTER—or MICHAELMAS DAISY—(Hardy Perennial)

Hardy, handsome flower of easy culture, appearing at a time when flowers are scarce; make attractive garden display as well as cut flowers. If seed is sown indoors very early and seedlings set in open as soon as large enough to handle, they will bloom the first season. Do best in sunny location. Height 2 to 3 feet. Mixed, Pkt. 15c, ¼ oz. 50c.





Aster—Crego's Giant

**CREGO'S GIANT**

One of the finest of the Aster family, producing immense flowers, often measuring 5 inches in diameter, and of a fluffy texture. The petals of the flowers are attractively curved and twisted, resembling an ostrich feather. They retain their beauty when cut for a long time. Twelve to fourteen inches.

White .....	Pkt. 15c
Lavender .....	Pkt. 15c
Crimson .....	Pkt. 15c
Pink .....	Pkt. 15c
Finest mixed .....	Pkt. 15c
1/4 oz. any above colors	55c

Collection Crego's Giant Asters. One packet each of four above named colors .....50c

**ASTER—ROYAL**

One of the largest and most valuable of the branching type of Asters, blooming during mid-season and following Queen of the Market. Flowers ball shaped with broad incurved petals towards the center, borne on long stiff stems. Height two feet and branching freely near the ground, thereby producing long stems.



Aster—Royal

**Royal Lavender**—The color is a clear bright shade of lavender. It is a flower of large size and will stay fully double throughout the blooming season. Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 55c, 1/2 oz. 85c.

**Royal Pink**—The flowers are large and fully double. The color is a rich pure pink. Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 55c, 1/2 oz. 85c.

**Royal White**—Is planted most extensively. It is a well-shaped, fully double flower, composed of thick, substantial petals. Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 55c, 1/2 oz. 85c.

**Royal Rose**—Flowers of a bright luminous rose color, borne on sturdy and strong plants. Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 55c, 1/2 oz. 85c.

**Royal Purple**—It is a handsome flower, borne on exceptionally long stems. The color is a deep shade of rich blue-purple. Pkt. 10c, 1/4 oz. 35c, 1/4 oz. 55c, 1/2 oz. 85c.

**Royal Asters Mixed**—This mixture of Royal Asters includes the proper proportion of all the fine varieties listed above. It is a grand mixture which is sure to please. Pkt. 10c, 1/4 oz. 30c, 1/4 oz. 50c, 1/2 oz. 85c.

**COLLECTION OF ROYAL ASTERS**

The three colors included in this Collection will make a fine bed or border. They harmonize wonderfully well. The collection contains one packet each: Royal Lavender, Royal Pink, and Royal White, mailed to any address, postpaid for .....**25c**

**ASTERS—Four Wonderful Asters****ASTER—Heart of France**

The best red Aster ever introduced. The petals are of a velvety texture and a warm-glowing color which is retained to the end. One distinctive feature is that in any light, either natural or artificial, the color is the same beautiful, rich red. Heart of France keeps indefinitely when cut, and the stems are long and strong. Pkt. 15c, 1/4 oz. 50c.

**ASTER—Lavender Gem**

One of the most beautiful Asters, with large, artistic, loosely-arranged flowers on long, wiry stems, and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. Pkt. 15c, 1/4 oz. 50c.

**ASTER—Peerless Pink**

This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. Pkt. 10c, 1/4 oz. 40c.

**ASTER—New Fancy Yellow**

There has been a great deal of advertising about wonderful "Yellow" Asters. As far as we know there isn't as yet any really good true yellow Aster. Of the many varieties we have tried we find this to be the best we know of. It is of medium size and a good grower with flowers of a straw yellow color. It is an interesting novelty and one well worth including in your collection. Pkt. 15c, 1/4 oz. 50c.

**ASTER—Everlasting**

**Everlasting Flesh.** This curious Aster was found in our fields a few years ago and it has retained its peculiar characteristics during the three years we have been propagating it. It resembles somewhat a large Helichrysum, or Strawflower; when cut and dried it retains its flesh color and its shape as an everlasting flower for winter decoration. Pkt. 15c; 1/4 oz. 30c; 1/4 oz. 50c.

**BALSAM**

**Double Mixed**—Balsams like hot sun, rich soil and plenty of water. Plant 12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plant into a better shape and to make the flowers more double. Half-hardy Annual. Two feet. Pkt. 5c, 1/4 oz. 25c.



Bachelor Button

**BALLOON VINE****Love-in-a-Puff**

A rapid growing climber; thrives in light soil. One of the prettiest climbers with dainty white flowers. Annual. Six to eight feet. Pkt. 5c, 1/4 oz. 25c.

**BARTONIA AUREA****Golden Bartonia or Blazing Star**

One of the brightest garden flowers. It produces its large golden blossoms all summer in great abundance. 1 foot high. Hardy Annual. Pkt. 5c.

**BACHELOR BUTTON—Centaurea Cyanus  
Cornflower or Blue Bottle**

Of the easiest culture and thrives well in any ordinary garden soil. The plants require lots of sunshine, air and moisture. Sow outdoors the middle of April. Blooms from June until frost. 15 to 24 inches tall.

Pink .....Pkt. 10c, 1/4 oz. 25c White .....Pkt. 10c, 1/4 oz. 25c  
Blue .....Pkt. 10c, 1/4 oz. 25c Mixed .....Pkt. 5c, 1/2 oz. 30c, 1/2 oz. 50c

**BEAN—Scarlet Runner**

A favorite old fashioned climber. Both ornamental and edible. It grows rapidly to a height of ten or twelve feet, and is covered from July until frost, with clusters of beautiful scarlet flowers. Annual. Pkt. 5c, 1/2 lb. 25c, 1b. 40c.

**BRACHYCOME****Swan River Daisy**

A hardy annual, growing from 8 to 10 inches high, producing an abundance of blue and white flowers. Excellent for border. Pkt. 5c, 1/4 oz. 50c.



Brachycome or Swan River Daisy

**BLUE LACE FLOWER—Didiscus Coerulea**

You will be delighted with this easily grown annual. It played an important part in our grand parents' gardens but has almost been forgotten. Carried on stems 2 feet long, are broad lace-like heads composed of many delicate light blue flowers. Excellent for garden display and for cutting, bearing a profusion of flowers from June until September. Of fine upright growth. Pkt. 10c, 1/4 oz. 40c, 1/4 oz. 65c.

**BABY'S BREATH**—(See Gypsophila page 60)

**BELLIS**—(See Daisy page 58)

**BABY'S EYES**—(See Nemophila page 62)

**CACALIA—Tassel Flower or Flora's Paint Brush**

A neat annual of easy culture with tassel shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed. Two feet. Pkt. 5c.

**OUR IRIS COLLECTIONS WILL SURPRISE YOU**



**CALENDULA—Pot or Scotch Marigold**

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn.

**Meteor**—Lemon with orange. Pkt. 10c, ½ oz. 25c, oz. 40c.



Calendula

**Favorite**—This is indeed a favorite. The color of the blooms is creamy white toward the base but the tips are beautifully shaded with a touch of rich mahogany-brown. Pkt. 10c; ½ oz. 30c; oz. 50c.

**Lemon Queen**—Pkt. 10c, ½ oz. 25c, oz. 40c.

**Orange King**—Very large, double, glistening orange flowers, borne abundantly throughout the season. Pkt. 10c, ½ oz. 30c, oz. 45c.

**All colors mixed**—Pkt. 5c, ½ oz. 20c, oz. 35c.

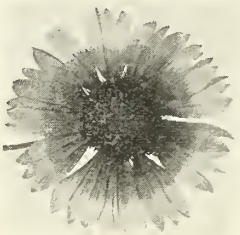
**CALENDULA COLLECTION**

One packet each: Orange King, Meteor, Lemon Queen. Easily grown, lovely as cut flowers. value 30c.

**POSTPAID FOR 25c.**

**CALLIOPSIS or Golden Wave**

A half-hardy annual of quick growth, doing well in almost any location, and blooming throughout the season. It is exceedingly showy and of easiest culture, are fine for cut-flowers. Sow the seed early in the spring when the maples are starting out in leaf. Sown as late as July 1, the plants will bloom freely during the fall until frost. Mixed. Pkt. 5c, ¼ oz. 25c.



Golden Wave

For **CALLIOPSIS** (Perennial)  
See Coreopsis, Page 58

**CANARY BIRD VINE—Tropaeolum Canariensis**

A beautiful climber with curiously shaped blossoms. Will blossom freely from July until killed by frost. Tender annual. Sow in the house and transplant or in open ground. Height eight to ten feet. Pkt. 5c, oz. 45c.

**CANDYTUFT—Iberis Umbellata**

Candytuft in our Trial Grounds

Among the most useful of perfectly hardy annuals. Plants bear neat clusters of flowers very freely. A most attractive border and cut flower, blooming profusely in cool weather. Height 12 inches.

**Pink** ..... ¼ oz. 40c, Pkt. 10c  
**White** ..... ¼ oz. 40c, Pkt. 10c  
**Crimson** ..... ¼ oz. 40c, Pkt. 10c  
**Lavender** ..... ¼ oz. 40c, Pkt. 10c

**Fine Mixed** Pkt. 5c, ½ oz. 20c, oz. 35c.

**Candytuft Sempervirens**—Perennial—A favorite perennial bearing heavy trusses of pure white flowers. The plants are of dwarf growth, 12 inches high, and are wonderfully adapted for edging or rock-work. They also make a fine display planted in solid masses. Commences to bloom early in the season. Pkt. 15c, ½ oz. 60c, ¼ oz. \$1.00.

**CANDYTUFT**

**Dwarf Hybrids**—The large flowers have a great range of beautiful colors. Of dwarf, compact growth; valuable for borders, edging and mass planting.

**Crimson** ..... Pkt. 10c, ¼ oz. 50c    **Rose** ..... Pkt. 10c, ¼ oz. 50c  
**Flesh** ..... Pkt. 10c, ¼ oz. 50c    **White** ..... Pkt. 10c, ¼ oz. 50c  
**Lilac** ..... Pkt. 10c, ¼ oz. 50c    **Mixed** ..... Pkt. 10c, ¼ oz. 30c

**CANTERBURY BELLS**

**Campanula Medium**—Handsome hardy biennial, of stately growth, rich color and profuse bloomer. Should be given more protection in severe winter weather; colors: white and various shades of violet, rose, lilac and blue. Height two to four feet. Single Mixed. Pkt. 5c, ¼ oz. 30c.

**Calycanthem**—The new Cup and Saucer variety, larger and appear about two weeks earlier than those of the old type. A splendid plant for beds and pot culture. Perennial. Two feet. Mixed. Pkt. 15c, ¼ oz. 40c.

**CARNATION**

**Marguerite**—This half-hardy perennial often blooms the first season from seed, and they are exceedingly valuable for bedding and pot culture. Very free flowering exceedingly fragrant, large flowered and double. Eighteen inches.

**Red** ..... Pkt. 10c    **Yellow** ..... Pkt. 10c  
**White** ..... Pkt. 10c    **Mixed** ..... Pkt. 10c, ¼ oz. 50c

**Giant or Malmaison**—This type is noted for its wonderful range of colors, and its free blooming qualities. Fully 70 per cent of the seedlings generally produce double flowers of large size. Half-hardy perennial. Extra fine double mixed. Pkt. 10c, ¼ oz. 65c.

**CASTOR OIL BEAN—Ricinus**

The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green with reddish ribs. Six to eight feet. Annual. Mixed. Pkt. 5c, oz. 25c.

**CATCHFLY—Silene**

An easy growing free flowering annual plant, producing dense umbels of white, red or rose colored blossoms. The plant is partly covered with a glutinous moisture, hence the name "Catchfly." Hardy Annual. Two to three feet. Mixed. Pkt. 5c.

**CELOSIA—Cristata—Cockscomb**

Celosia Plumosa—(Cockscomb)

Splendid annuals for either pot culture or for the border. Well grown blooms often measure 12 to 14 inches, of a most brilliant color.

**Empress**—Rich crimson combs of mammoth proportions. Pkt. 10c.

**Dwarf Crimson**—Pkt. 10c.

**Aurea**—Dwarf—Golden yellow, Pkt. 10c.

**Dwarf**—Finest mixed. Pkt. 10c, ¼ oz. 40c.

**Plumosa—(Feathered Cockscomb)**

A splendid strain of the tall growing plumed Cockscomb forming huge plumes.

**C. Thompsoni Magnifica**—Mixed, Pkt. 10c, ¼ oz. 50c.

**CHILDsii Chinese Woolflower**

**C. Childsii**—A distinct form of the plumed Celosia. Average height 2 feet, bearing flower heads of a purplish-crimson color resembling a ball of wool. Plant retains beauty and color until frost. A novelty which has attracted great attention. Pkt. 15c, ¼ oz. 50c.

**CENTAUREA IMPERIALIS—Royal Sweet Sultan**

A justly favorite annual, coming into bloom in July, and continuing until frost. Excellent for cut flowers.

**White** ..... Pkt. 10c    **Rose** ..... Pkt. 10c  
**Lilac** ..... Pkt. 10c    **Blue** ..... Pkt. 10c  
**Finest Mixed Colors** ..... Pkt. 10c    ¼ oz. 35c

**Ruthenica**—Perennial with sulphur-yellow blooms. Pkt. 10c.

**CENTAUREA CYANUS**—(See Bachelor Button page 55)

WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US



**CLARKIA**

Beautiful hardy annual with rose colored, white and purple flowers, in delicate but very brilliant shades, is a popular garden and cut-flower plant, very showy in borders, hanging baskets or vases. They thrive equally well in partial shade or sun. 2 to 2½ feet, and are profuse bloomers. The blooms are abundant, in small leafy racemes, and opens well in water when cut. A fine annual for cool climate. Sow in light, warm soil, as early in the spring as the ground can be worked, or if planted in August they will bloom the following summer. Double Mixed, Pkt. 10c, ¼ oz. 25c.

**CHRYSANTHEMUM****French Marguerites or Painted Daisies****ANNUAL VARIETIES**

These early blooming annual garden varieties of out-door summer Chrysanthemum are entirely different from the large flowered varieties grown by florists. Very showy and effective for bedding or borders, also desirable for cut flowers. Plants grow 12 to 18 inches in height, and produce single daisy-like flowers of many bright colorings.

**Chrysanthemum—Single**

**Eastern Star**—Golden yellow with a purplish scarlet ring on the center of the petals, the disc a dark brown, very striking. Pkt. 10c, ¼ oz. 30c.

**Northern Star**—Very large daisy-like flowers, 3 inches across, with pure white fringed petals with canary-yellow zone around a dark brown eye. Pkt. 10c ¼ oz. 35c

**Tricolor**—Single Mixed Pkt. 5c, ¼ oz. 25c, ½ oz. 45c.

**Coronarium, Double Mixed**—A very fine garden variety including a wide range of colors such as white, rose, sulphur-yellow, golden yellow, orange, red, and maroon; 18 in. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

**PERENNIAL VARIETIES**

These are the well known perennial Chrysanthemums, grown chiefly for the hardy Perennial border, of easy culture in most any position and location.

**Maximum—King Edward VII (Moonpenny Daisy)**—Considered the finest fall single, with flowers of extraordinary size of purest white, perfect form, and exceedingly free flowering, and borne on long stiff stalks well above the foliage. We recommend this excellent variety. Pkt. 10c, ¼ oz. 50c.

**Leucanthemum — Shasta Daisy (Alaska)**—Very attractive large white flowers 5 inches in diameter; with very broad petals, and long strong stems. Excellent for cut flowers. Pkt. 15c, ¼ oz. 35c, ¼ oz. 60c.

**Shasta Daisy**

**PERENNIAL CHRYSANTHEMUM**—See illustration page 29.

**CHINESE LANTERN PLANT—Physalis Franchetti**

The Chinese Lantern Plant is grown for its showy scarlet-red seed-pods which are easily dried for winter bouquets. The plants are perfectly hardy, blooming during June and July. The flowers are white. Easily grown in any kind of soil whether sunny or semi-shaded. Perennial. Pkt. 15c, ¼ oz. 35c, ¼ oz. 55c, ½ oz. 95c.

**COBEA SCANDENS—Cup and Saucer Vine**

A half hardy climbing annual, with large leaves and large trumpet shaped flowers, the blossom is green until nearly grown, when it turns bright purplish blue—grows about 20 feet high and is very desirable for covering a large lattice. A native of Mexico. Pkt. 5c, ¼ oz. 50c.

**COSMOS**

This well-known, popular annual has earned a place in the flower world because it bears large, beautiful flowers in late summer and autumn when flowers are scarce. We are proud of our Early-flowering Cosmos, especially selected for earliness and size of bloom. It grows so rapidly that seed can be sown out of doors where plants are to grow. In a few weeks the plants will be covered with a mass of large, beautiful flowers, and will continue to bloom until frost. The flowers of this excellent strain are fully as large and beautiful as the very best late flowering kinds. When the plants are about a foot high, they should be pinched out to induce a bushy growth. They prefer a light, dry, sandy or poor soil. Do not water very often. Cosmos should have a sunny situation.

**COSMOS—Early Flowering**

**Early Flowering—Pink** ..... ¼ oz. 30c, Pkt. 10c  
**Early Flowering—Crimson** ..... ¼ oz. 30c, Pkt. 10c  
**Early Flowering—Pure White** ..... ¼ oz. 30c, Pkt. 10c  
**Early Flowering Mixed**—Pkt. 10c, ¼ oz. 25c, ½ oz. 45c.

**COSMOS—Early Double Crested**

This new type of Cosmos is unique and exceedingly pretty. The flowers are of good size, with full double centers and an outer row of broad ray petals. The plants are vigorous, attaining a height of 4 feet, and are covered with blooms. This is the best of all Cosmos for cut flowers, lasting well in water, and the dainty colors are most attractive for either garden or table decoration. Give Cosmos the full sunshine for successful growth.

**Double Crested—Pink Beauty** ..... ¼ oz. 70c, Pkt. 15c  
**Double Crested—White Queen** ..... ¼ oz. 70c, Pkt. 15c  
**Double Crested—Mixed** ..... ¼ oz. 60c, Pkt. 15c



**CONVOLVULUS MAJOR****Tall Morning Glory**

A hardy climbing annual growing about 10 feet high. Flowers are well known and exist in a great variety of colors, tints and markings. Fully expanded only in the mornings. Of easy culture, quick growth and valuable in every garden.

Rose .....	Pkt. 10c
White .....	Pkt. 10c
Striped .....	Pkt. 10c
Crimson .....	Pkt. 10c
Purple .....	Pkt. 10c
Blue .....	Pkt. 10c
1 pkt. each of the above six varieties .....	50c

Tall Mixed—Pkt. 5c, oz. 25c, ¼ lb. 75c.

**StimUplant**

Makes a  
Wonder Garden



Morning Glory (Convolvulus Major Mixed)

**CONVOLVULUS MINOR—Dwarf Morning Glory**

A very early flowering annual with brilliant flowers. Of very easy culture. **Finest Dwarf Mixed**—Pkt. 5c, oz. 25c.

**CONVOLVULUS—JAPANESE MORNING GLORY—**  
See Ipomea Page 61**COLUMBINE****Aquilegia**

Of easy culture and when once established will furnish for many years a magnificent display of the handsomest flowers each spring and summer. Hardy perennial.

**Chysantha**—(Golden Spurred)—Golden yellow, Pkt. 10c, ¼ oz. 50c.

**Coerulea**—(Rocky Mountain Blue Columbine)—Violet blue and white, Pkt. 10c, ¼ oz. 50c.

**Double Mixed**—Pkt. 10c, ¼ oz. 30c.

**LONG SPURRED COLUMBINE**

While all the varieties of Columbines are beautiful and much admired, this strain of long spurred is unquestionably the finest yet produced. The plants are of strong thrifty growth with flowers of largest size.

**Pink Shades**—A lovely strain with large flowers. Pkt. 20c, ¼ oz. 75c.



Columbine

**Long-Spurred Hybrids**—Fine long-spurred flowers during June in shades and combinations of pink, red, blue, and yellow. They make excellent cut-flowers. Pkt. 15c, ¼ oz. 65c.

**COREOPSIS LANCEOLATA**

Coreopsis

**COREOPSIS LANCEOLATA**

A very hardy perennial, blooming the first year and producing on long stems a succession of rich bright yellow flowers two or three inches across. Very valuable for cutting. Seed may also be sown in fall outdoors. About two feet. Pkt. 10c, ¼ oz. 35c.

**CYPRESS VINE****Ipomea Quamoclit**

A hardy rapid climbing annual, with feathery foliage, bearing bright scarlet and white flowers very profusely. Mixed Pkt. 5c, ¼ oz. 25c.

**DAISY—Bellis—English Daisy**

English Daisy

A low growing early spring flowering plant. Very desirable for edging or borders. Daisies are indispensable for cool shady places and are easily raised from seed. A favorite hardy perennial. Pkt. 5c, ¼ oz. 50c.

**Giant or Monstrous**—A new strain of Double Daisy with flowers fully twice the size of the ordinary sorts. We expect this strain to soon supercede entirely the older varieties, White, or Rose, Pkt. 15c, ¼ oz. 65c.

**DAISY—Shasta**—(See Chrysanthemum Page 57)

**DAHLIA**

But few people know Dahlias can be raised from seed and will bloom the first year. The seeds germinate easily and from the very first are strong and sturdy little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over, plant them in the bed or border in the garden and from then on they will prove no more trouble than if the tubers had been used instead of seed. Seed may also be sown out of doors between the first and fifteenth of May.

**Double**—Choice mixed colors. Flowers of excellent form. Mixed Pkt. 15c, ¼ oz. 50c.

**Single**—Seed saved from the choicest varieties. Mixed. Pkt. 5c, ¼ oz. 30c.

**StimUplant**

Makes a  
Wonder Garden

**DELPHINIUM****Perennial Larkspur**

These are some of the most handsome and useful hardy plants, and for the perennial border are invaluable. Excellent for cut flowers, producing large, long spikes of beautiful flowers, of varying shades of blue. If seed is sown early in the spring some will blossom the first year but of course the second and succeeding years the flowers are far superior. Hardy perennial.



Delphinium—Perennial Larkspur

**Formosum**—Dark blue—This is the old favorite dark blue Larkspur, and one of the best. Hardy perennial. Four feet. Pkt. 15c, 1-16 oz. 50c; ¼ oz. 85c.

**Belladonna**—Light blue—A very free and continuous bloomer, with flowers of a turquoise blue. Hardy perennial. Four feet. Pkt. 15c, 1-16 oz. 50c, ¼ oz. 85c.

**Delphinium**—Finest Mixed—in a great variety of charming colors. Four feet. Pkt. 10c. 1-16 oz. 25c, ¼ oz. 40c, ¼ oz. 65c.

**FOR ANNUAL VARIETIES SEE LARKSPUR Page 61**

Gentlemen: Please send me your catalog. I bought seed of you people in 1919 and I must say it was the best I ever purchased, every one grew.

Truly yours,  
Mrs. H. B.

Dear Sirs:

Lemhi, Ida.

The Carnations and Gladiolus I ordered from you for Decoration Day came in splendid condition. I never saw cut flowers keep better than they did and many people admired their beauty. Thank you most kindly for having sent them according to my instructions, and entire satisfaction.

Very truly yours,  
Mrs. D. J. P.

**DON'T OVERLOOK OUR SWEET PEA NOVELTIES**



**DIANTHUS OR PINKS**

One of the most popular flowers in cultivation, producing a wonderful variety of bloom in most brilliant colors, and are most profuse bloomers. The varieties classed as annuals are really biennials, and in mild climates will survive the winter with light protection. In this northern climate, if early plants are desired the seed may be started in the house, but they do exceptionally well started outside between the first and fifteenth of May. In a very short time they will be a mass of blossom continuing until cut down by frost. The double types are almost as useful as Carnations for cut flowers, and all will succeed in almost any kind of good soil, if given a sunny location. Height 12 inches.



Dianthus or Pinks—Single

**SINGLE ANNUAL VARIETIES**

- Crimson Bell**—Rich Velvety Crimson. Pkt. 10c,  $\frac{1}{4}$  oz. 45c.  
**Eastern Queen**—Beautifully marked with rose and mauve. Pkt. 10c,  $\frac{1}{4}$  oz. 45c.  
**Heddwigii**—(Single Japan Pink)—Flowers of the most wonderful coloring, beautifully marked. Mixed colors. Pkt. 5c,  $\frac{1}{4}$  oz. 25c,  $\frac{1}{2}$  oz. 40c.

**DOUBLE ANNUAL VARIETIES**

- Heddwigii Fl. Pl.**—(Double Japan Pink)—Very large and double flowers of brilliant colors. Mixed Pkt. 10c,  $\frac{1}{4}$  oz. 40c,  $\frac{1}{2}$  oz. 70c.  
**Chinensis Fl. Pl.**—(China or India Pink)—Blooms in clusters, with a brilliant assortment of colors. Pkt. 10c,  $\frac{1}{4}$  oz. 30c.

**HARDY GARDEN PINK**

- Plumarius**—Hardy Perennial Pink, Grass Pink, Scotch Pink, Clove Pink or Pheasants Eye)—A single hardy perennial pink, with fringed edge, light colored flowers with a darker center variously colored. The old-fashioned garden favorite. Pkt. 10c,  $\frac{1}{8}$  oz. 30c,  $\frac{1}{4}$  oz. 50c.

**DIDISCUS**—(See Blue Lace Flower Page 55)**DOLICHOS—Hyacinth Bean**

- Daylight**—This is a white form of the well known Hyacinth bean, and of most rapid growth and very free blooming habit. It has been known to bloom in 8 weeks from the time of sowing, height ten feet. Annual. Pkt. 10c. oz. 35c.

- Scarlet**—A scarlet type of the same rapid growth as the preceding variety and very free flowering. Annual. Pkt. 10c, oz. 35c.

**EVENING PRIMROSE**—(See Oenothera Page 63)**EVENING SCENTED STOCK**—(See Matthiola Bicornis Page 62)**EUTOCA—Viscida**

- Intense blue. Foliage dull green, covered with hairs; blooms blue and striped,  $\frac{3}{4}$  of an inch across, produced in terminal racemes. Succeeds best in warm sandy soil, not over rich. Sow in open ground early in spring, and thin to one foot apart. Hardy annual, one foot high. Valuable for bees. Pkt. 5c.

**FEVERFEW**—(See Matricaria Page 60)**FOUR O'CLOCK—Marvel of Peru**

- These flowers are funnel-shaped. Red, White, Yellow or Striped with these colors and open about four o'clock in the afternoon, remain open all night and generally close about noon next day. The abundance of new flowers produced daily affording constant succession of fine blooms. Sow seed in open ground. Hardy annual; two feet high. Mixed Pkt. 5c, cz. 25c.

**FORGET-ME-NOT**—(See Myosotis Page 62)**ECHINOCYSTIS LOBATA**—(See Wild Cucumber)**ESCHSCHOLTZIA**  
**California Poppy**

A very attractive profuse blooming hardy annual, for beds, edging or masses. Blooms from early summer until frost. Should be grown in every garden. Height one foot.

- White ..... Pkt. 10c,  $\frac{1}{4}$  oz. 30c  
 Rose Queen ..... Pkt. 10c,  $\frac{1}{4}$  oz. 30c  
 Crimson King ..... Pkt. 10c,  $\frac{1}{4}$  oz. 30c  
**Aurantia**—Rich Golden orange, flowers very large. Pkt. 10c,  $\frac{1}{4}$  oz. 35c.

**Fine Mixed**—contains white, yellow, and orange shades. Pkt. 5c, oz. 25c.

**Peerless Mixed**—A well-balanced mixture of all the above and many other fine varieties of California Poppies. Grown as a border or as solid beds they will make a fine display all during the summer and fall, lasting until frost. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 50c.

**ESCHSCHOLTZIA—California Poppy Novelties**

- Tango**—Bronze-red overlaid terra-cotta, a popular shade with the ladies. Pkt. 15c,  $\frac{1}{4}$  oz. 50c.  
**Mauve Beauty**—A delicate new color previously unknown, a beautiful shade of pure mauve. Pkt. 15c,  $\frac{1}{4}$  oz. 50c.  
**Purple Glow**—A bright reddish purple, and is the darkest shade obtained so far. Pkt. 15c,  $\frac{1}{4}$  oz. 50c.  
**Lovely**—A lovely tone of bright rose pink suffused with salmon, the blooms have a satiny appearance, which adds very much to the effect "LOVELY". Pkt. 15c,  $\frac{1}{4}$  oz. 50c.  
**Scarlet Beauty**—The brightest of all. A deep scarlet. It has the appearance when in bloom of a vivid scarlet Tulip. Pkt. 15c,  $\frac{1}{4}$  oz. 50c.

**COLLECTION OF CALIFORNIA POPPIES**

One packet each: Tango, Mauve Beauty, Purple Glow, Lovely, Scarlet Beauty. Value 75c.

**POSTPAID FOR 60c.**

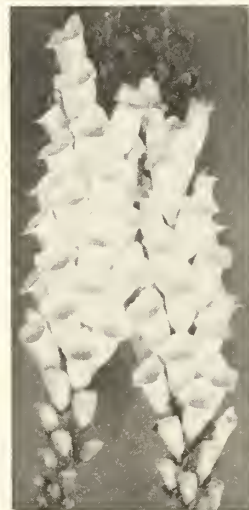
**BUSH ESCHSCHOLTZIA**—(See Hunnemannia Page 60)**FOXGLOVE—Digitalis**

Grows to the height of three or four feet, with dense spikes of brilliantly colored flowers, which are terminal and half as long as height of plant. Colors: White, Lavender and Rose. A valuable flower in every perennial garden, does not usually blossom until the second year. Hardy biennials or perennials. Mixed Pkt. 5c, 1-16 oz. 25c,  $\frac{1}{4}$  oz. 35c.

**Gloxiniiflora**—This type of similar growth to the preceding variety, bears beautifully spotted flowers resembling the Gloxinia. Pkt. 10c, 1-16 oz. 35c,  $\frac{1}{4}$  oz. 50c.

**GIANT SHIRLEY FOXGLOVE**

This magnificent strain was raised by the late Rev. W. Wilks, to whom we are also indebted for the Shirley Poppies, and is unquestionably the greatest improvement ever made in Foxgloves. The very vigorous plants attain a height of 5 to 7 feet, with spikes of bloom 4 feet in length, closely set with flowers of unusual size, ranging in color from the purest white to dark rose, handsomely spotted and blotched with crimson, maroon, and chocolate. This is certain to supercede all other strains of Foxgloves. Seed sown this spring will produce plants that will make a glorious show next season. Mixed. 15 cts. per pkt.; 2 pkts. for 25c.



Foxglove

**GOURD****Both Useful and Ornamental**

A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

**Hercules Club**—Distinctly club-shaped, the longest of all varieties. Pkt. 10c, oz. 25c.

**Japanese Nest Egg**—Used as nest eggs; fruits are white, do not crack, and are not injured by heat or cold. Pkt. 10c, oz. 25c.

**Sugar Trough**—Has durable thick shell, and is often used for dishes and other household utensils. Pkt. 10c, oz. 25c.

**Dipper or Siphon**—Greatly used for dippers, fruits long and bottle shaped, with straight or slightly crooked neck. Pkt. 10c, oz. 25c.

**Gourds—Mixed**—Pkt. 5c, oz. 25c.

**OUR "GARDEN FULL" DAHLIA COLLECTION—20 VARIETIES—\$5.00 POSTPAID**



**GAILLARDIA—Blanket Flower****GAILLARDIA—or (Blanket Flower)**

**Single Mixed**—Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing to bloom from early summer till November; excellent for cutting. 1½ feet high. Annual. Pkt. 5c, ¼ oz. 25c.

**Double Mixed**—One of the prettiest and best early-flowering annuals. These are variously and gayly colored in shades of yellow, orange; brown, bronze, and deep maroon. The deeper colors are usually tipped with contrasting shades of yellow and creamy white. Pkt. 10c ¼ oz. 40c.

**Grandiflora Superb Mixed**— Beautiful flowers with yellow tips and crimson centers. A splendid combination. 2 feet high. Hardy perennial. Pkt. 10c. ¼ oz. 25c, ¼ oz. 40c.

**GERANIUM**

**Zonale Mixed**—A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transferred to the open when safe from frost. Pkt. 15c, ½ oz. 95c.

**GODETIA**

A hardy annual growing from 6 to 10 inches high. Of compact growth with a profusion of satiny cup-shaped flowers, in deep red, pink and white, shaded and blended. Valuable for bedding or massing. Mixed Pkt. 5c, ½ oz. 25c, ¼ oz. 40c.

**Godetia****GREVILLEA—Silk Oak**

**Grevillea Robusta**—A beautiful plant for decorative purposes of quick growth and very easy culture. The leaves are very light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of "Silk Oak." For the house it is unsurpassed. Pkt. 10c, ¼ oz. 30c, oz. \$1.00.

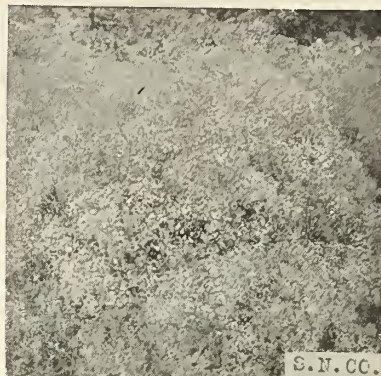
**FLOWERS FOR CHILDREN'S GARDENS**

If you have never allowed the children to be responsible for a small flower garden, do so this season. Have them keep a record of when seed was planted, when germinated, when flowers bloomed, etc. It will not only be educational for them, but with flowers from their own garden they may cheer the sick or aged and gladden the hearts of their friends.

**HARDY ASTERS**—(See page 54)

**HELICHRYSUM**—(See Straw Flower Page 65)

**HESPERIS**—(See "Sweet Rocket" Page 65)

**GYPSOPHILA—Baby's Breath or Bridal Veil****Gypsophila**

Delicate, free flowering little plants covered with a profusion of white, small star-shaped flowers. Valuable in conjunction with other flowers for making bouquets. Will thrive anywhere. An annual that should be in every garden. Pkt. 5c, ½ oz. 20c, oz. 35c.

**Elegans Rosea**—Similar to the White, but the flowers are a fine rose. A profuse bloomer that mixes well with other annuals. Pkt. 10c, ½ oz. 20c, oz. 35c.

**Paniculata**— Perennial. A graceful hardy plant, fine for cutting for bouquets; flowers in feathery white panicles height one and one-half feet. Pkt. 10c, ¼ oz. 30c.

**HELIOTROPE**

Every one loves the delightful fragrance and beauty of the Heliotrope, but few know that it can easily be raised from seed. To insure a long period of bloom, the seed should be sown indoors and the plants set out in rich, well-prepared soil when the maples are in full leaf. A splendid bedding or house plant. Mixed. Pkt. 5c, ½ oz. 50c, ¼ oz. 85c.

**HOLLYHOCK****Chater's Double Varieties**

Our seeds of this have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year's blooming perennials. Four to six feet.

**Blood Red** ¼ oz. 55c, Pkt. 10c  
**White** ¼ oz. 55c, Pkt. 10c  
**Pink** ¼ oz. 55c, Pkt. 10c  
**Yellow** ¼ oz. 55c, Pkt. 10c  
**Rose** ¼ oz. 55c, Pkt. 10c  
**Maroon** ¼ oz. 55c, Pkt. 10c  
**Crimson** ¼ oz. 55c, Pkt. 10c  
**Chater's Double Mixed**—Pkt. 10c, ¼ oz. 30c, ½ oz. 50c.

**Hollyhock****COLLECTION OF DOUBLE HOLLYHOCKS**

One packet each, Pink, White, Blood Red, Rose, Maroon, Crimson, and Yellow. Value 70c.

**POSTPAID FOR 50c.**

**SINGLE ANNUAL VARIETIES**

**HOLLYHOCK—Annual**—Single Mixed—Pkt. 10c, ¼ oz. 35c.

**For Hollyhock Plants—See Hardy Perennials Page 31**

**HUNNEMANNIA—Bush Eschscholtzia**

Also known as the Santa Barbara Poppy. An erect growing tender perennial, about 2 feet high. Foliage finely cut and feathery. Blossoms beautiful cup-shaped, bright yellow and about 3 to 4 inches across. Stems long and smooth. A very satisfactory flower in the garden. Pkt. 10c, ¼ oz. 30c, ½ oz. 50c.

**HUMULUS—Japanese Hop**

Variegated Japanese Hop. Quick growing vine for veranda or trellis. Annual; not subject to insect pests; very handsome; stands drouth well. Twelve feet. Pkt. 10c, ¼ oz. 25c.

**Hyacinth Bean**—(See Dolichos Page 59)

**PLEASE REMEMBER**

About September 1st we issue a Bulb and Hardy Plant catalog, describing the fall bulbs, such as Hyacinths, Tulips, Crocus, Snowdrops, etc. We also have at that time a complete list of hardy plants for fall planting. Our bulbs come from our own special grower in Holland while our hardy plants are of our own growing. We will be pleased to have the names of any of your friends who might be interested in this booklet. Ask for Bulb Catalogue.



**ICE PLANT**

Pretty summer trailing annual for vases and rock work, leaves covered with ice-like drops. Very useful for garnishing Pkt. 5c, ¼ oz. 25c.

**IPOMEA**

**Bona Nox**—(Evening Glory or Good Night)—Large fragrant violet blossoms expanding in the evening. Pkt. 10c, oz. 30c.

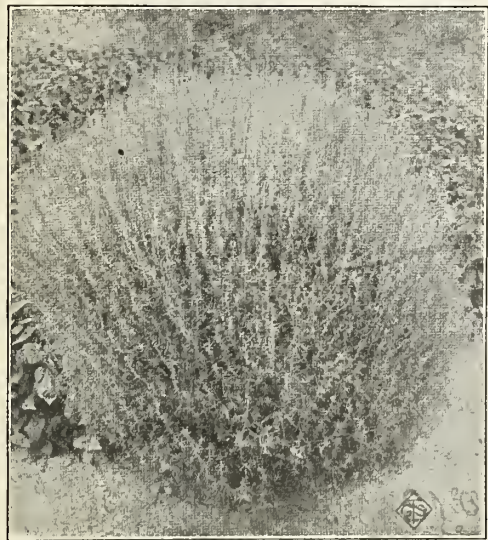
**Mikado**—(Japanese Morning Glory)—New Improved Japanese Convolvulus of grand variety, flowers measuring from 4 to 5 inches across, great variety of colors, very handsome foliage. Pkt. 10c, oz. 30c.

**IPOMEA QUAMOCLIT**—(See Cyprus Vine Page 58)

**IPOMEA NOCTIFLORA**—(See Moonvine Page 62)

**KENILWORTH IVY—Linaria—Creeping Charlie**

A charming trailing plant, especially adapted for hanging baskets. Flowers lavender and purple, very pretty. Tender perennial. Pkt. 10c, ¼ oz. 50c.



**KOCHIA**  
Burning  
Bush or Sum-  
mer Cypress

Grows quickly from seed sown in the open ground. The plants are of rounded or globe-like form. Early in the fall the end of the shoots are thickly set with small bright scarlet flowers the bushy plants resembling balls of fire; makes a very good summer hedge also known as summer cypress. Hardy annual. Three feet. Pkt. 5c, ¼ oz. 25c.

**Kochia, Burning Bush or Summer Cypress**

**KUDZU VINE—Pueraria Thunbergiana**

To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth. Its foliage is large and covers well; bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid climber for covering permanently verandas, dead trees, etc. Hardy perennial. Pkt. 10c, ¼ oz. 30c.

**LARKSPUR—Hardy Annual**

This hardy annual is one of the best of garden plants. Sown indoors early in the season, and transplanted to the open ground as soon as safe from frost, or sown in the open ground about May 15, will produce blooming plants in July and August, which will continue in flower until frost. A splendid cut flower.

**Tall Double Stock Flowered Larkspur** — Pure White, Shell Pink, Dark Blue, Carmine, Pkt. 10c, ¼ oz. 30c.

**Larkspur** — Finest Mixed. Pkt. 5c, ¼ oz. 25c, oz. 75c.

**Emperor Mixed** — The flowers are quite double and of the most beautiful shades. Pkt. 10c, ¼ oz. 30c, oz. \$1.00.

**Larkspur Collection**

One packet each, white, pink, carmine, blue

Postpaid For 35c

For Perennial Varieties of Larkspur—(See Delphinium Page 58)

**StimUplant**

Makes a  
Wonder Garden



**Larkspur Annual**

**LAVATERA****Annual Mallow**

The annual Mallow or Lavatera is a charming plant for cool locations, growing 2½ feet high and covered all summer from July until fall with large bright colored saucer shaped flowers. Sow the seed outdoors after the weather has become settled, covering them with fine soil.

**Splendens Alba**—Very large, silky pure white flowers. Pkt. 10c, ¼ oz. 25c.

**Splendens Rosea**—Very large, bright rose pink flowers, Pkt. 10c, ¼ oz. 30c.



**Lavatera**

**LAVENDULA VERA—Sweet Scented Lavender**

A well known sweet scented shrub, of dwarf bushy habit. Extremely desirable for its delicious perfume. Hardy perennial. Should be grown in every mixed border. Pkt. 10c; ¼ oz. 25c.

**LINUM—Scarlet Flax**

Distinguished for their brilliant colored flowers which are crimson with black center, saucer-shaped, and very conspicuous in bed or border. The foliage of the plant is slender and delicate. Height 1½ feet. Hardy annuals. Pkt. 5c; ¼ oz. 25c.

**Perene**—A fine deep blue variety, growing about 18 inches. Hardy perennial. Pkt. 10c; ¼ oz. 25c.

**Album**—A handsome white variety of the hardy flax. Perennial. Pkt. 10c; ¼ oz. 25c.

**LUPINS OR LUPINUS**

A very attractive plant with beautiful foliage and long spikes of blossoms, resembling those of the sweet pea. The plant attains a height of 3 ft. and forms a pleasing background for other flowers. Of the easiest culture. Sow in the open ground and thin to six inches apart. Desirable for cut flowers.

Mixture of all colors Pkt. 5c; ½ oz. 35c, oz. 60c.

**StimUplant**

Makes a  
Wonder Garden

State Nursery

Choteau, Mont.

Dear Sirs:

The Rose bush you sent me was a beauty. I had fifteen buds and roses all at the same time and I have just picked the last of them. My Bachelor Buttons raised from your seed are simply gorgeous, such beautiful rainbow shades and so double the prettiest I have ever seen. I am also sure your Spencer Sweet Peas cannot be beaten.

Mrs. E. M. P.

**LOVE-IN-A-GROVE**—See Nemophila Page 62)

**LOVE-IN-A-MIST**—(See Nigella Page 63)

**Lupins****LOBELIA**

**Crystal Palace**—Small compact bushes covered with deep azure-blue flowers. Makes a very attractive border and blossoms early in the season until frost. Pkt. 10c; ¼ oz. 50c.

**White Gem**—Dense balls covered with snow-white flowers. Pkt. 10c; ¼ oz. 40c.

**LYCHNIS**

**Chalcedonica**—(Also called Burning Star, Jerusalem Cross, Maltese Cross, Ragged Robin)—Bright scarlet flowers, handsome for beds and borders. Of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennial. 2 to 3 feet. See cut, page 34. Pkt. 10c, ¼ oz. 30c. ¼ oz. 55c.

**MIGNONETTE**

Sweet Scented

A well known hardy annual producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and summer, it will bloom until killed by frost. Thrives best in a cool temperature. Pkt. 5c, oz. 25c.

**Golden Queen**—Fragrant golden yellow flowers. Pkt. 10c, ¼ oz. 25c.

**Pure White**—Large white sweet scented. Pkt. 10c, ¼ oz. 25c.

**Victoria**—Giant red. Shows a brilliance of color which is truly surprising in this class of plants. Pkt. 10c, ¼ oz. 25c.

**DON'T OVERLOOK OUR SWEET PEA NOVELTIES**



**MARIGOLD AFRICAN****TALL—DOUBLE**

Old-time favorites of most easy culture and growth. One of the most showy annuals with their wonderful shades of yellow. Require a light soil and full exposure to the sun to get best results. Three feet.

**Eldorado**—Flowers very large, imbricated and very double, colors in all shades of yellow—Pkt. 10c; ¼ oz. 40c.

**Lemon Queen**—Large flowered variety with lemon yellow flowers—Pkt. 10c, ¼ oz. 40c.

**Orange Prince**—A very large and showy variety, with very double flowers of a rich deep golden-orange color. Pkt. 10c; ¼ oz. 40c.

**Tall African Double Mixed.** Pkt. 5c; ¼ oz. 25c, oz. 75c.

**MARIGOLD COLLECTION**

One Packet each, Eldorado, Lemon Queen, Orange Prince, Value 30c.

**POSTPAID FOR 25c**



Marigold—Tall African Double

**Dwarf French Marigold**—The dwarf French Marigolds rarely exceed one foot in height, and their most beautifully marked flowers of all shades of yellow and brown, are exceedingly attractive. Mixed Pkt. 5c; ¼ oz. 30c.

**MATTHIOLA BICORNIS—Evening Scented Stock**

No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly closed during the day, but expand and impart their fragrance in the evening. Include with your order a packet or two of Evening Stock. You will not regret it. 12 to 15 inches. Pkt. 10c, ¼ oz. 25c.

**MATRICARIA—Feverfew**

A favorite bedding plant and profuse bloomer. Half-hardy perennial. Treat as an annual. Double white. Pkt. 10c, ¼ oz. 35c.

**MEXICAN BURNING BUSH**—(See Kochia Page 61)

**MOON FLOWER—Ipomea Noctiflora**

So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. It is a beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place. Pkt. 5c; ½ oz. 30c.

**MUSK PLANT—Mimulus Moschatus**

Foliage emits a strong musky perfume; yellow; fine for hanging baskets. Pkt. 15c.

**MYOSOTIS—Forget-Me-Not**

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half hardy perennials; blooming the first year from seed if sown early. The true Forget-Me-Not; beautiful blue flowers. Pkt. 5c; ¼ oz. 40c.

**MORNING GLORY**—(See Convolvulus Page 58)

**MORNING GLORY**—Mikado or Japanese—See Ipomea

**MOORING BRIDE**—(See Scabiosa Page 65)

**NEMOPHILA—Baby's Eyes or Love-in-a-Grove**

Of dwarf spreading habit. It is well adapted for border or pot culture. The flowers are exquisitely colored; they are quite apt to sport into an endless variety of shades, from black and blue to the lighter shades. Sow in spring and thin to 1 foot apart. Hardy annual. Mixed. Pkt. 5c, ¼ oz. 25c.

**NASTURTIUMS**

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is endless profusion of their gorgeous blossoms. The seeds picked green and pickled in vinegar have a piquant, appetizing flavor that is a valuable addition to relishes or pickles. Do not water too much nor sow on rich ground if abundance of bloom is desired.

**TOM THUMB—DWARF OR BEDDING VARIETIES**

**Empress of India**—Rich salmon-scarlet with deep green leaves.

**Golden King**—Rich glowing orange yellow, dark foliage.

**Queen of Tom Thumbs**—Flowers rich purplish crimson.

**Spotted King or Lady Bird**—Yellow, spotted.

**Vesuvius or Salmon Queen**—Salmon-rose, with dark foliage.

**Any of the Above Varieties**—Pkt. 10c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

**Dwarf Prize Mixture**—Pkt. 5c, 1 oz. 15c, ¼ lb. 50c, 1 lb. \$1.75.



Tall or Climbing Nasturtiums

**TALL OR CLIMBING VARIETIES**

**Tall Crimson**—Large crimson flowers, dark foliage.

**King Theodore**—Deep maroon with dark foliage.

**Dunnett's Orange**—Deep orange, marked with crimson blotches.

**Jupiter**—Vivid golden yellow.

**Pearl or Moonlight**—Amber or straw yellow flowers, very large.

**Any of the Above Varieties**—Pkt. 10c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

**Tall Prize Mixed**—Pkt. 5c, 1 oz. 15c, ¼ lb. 50c, 1 lb. \$1.75.



Nicotiana (Flowering Tobacco Plant)

**NICOTIANA**

**Sanderae — Hybrids Mixed**—Handsome garden plants of the tobacco family, valuable for the long duration of their bloom. Flowers white, carmine rose, or violet; is in full bloom during the day. Very floriferous. Hardy annual. 3 feet. Pkt. 10c, ¼ oz. 30c.

**Affinis—Sweet Scented Tobacco Plant**—Delightfully sweet-scented, pure white, tubular flowers, blooming continually; hardy annual, two to three feet. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

**OUR IRIS COLLECTIONS WILL SURPRISE YOU**



NIGELLA DAMASCENA

Love-in-a-mist or Devil-in-a-Bush

This is one of our prettiest old-fashioned annuals. It is odd in every respect and adds beauty and interest to any garden. It will grow well even under adverse weather conditions and withstands considerable heat and drought. The flowers come in blue and in white, and the thin moss-like foliage runs close up to the blooms, giving an appearance of a wreath of mossy fibers. The foliage is thin but very graceful. Nigella is wonderfully well adapted for mass planting or for making borders, and it is just as good a cut-flower. Sow in May in light soil and thin to stand 10 inches apart. The plants grow 12 to 15 inches high. Pkt. 5c, ¼ oz. 25c, ½ oz. 45c.



Nigella

OENOTHERA

Evening Primrose

This widely known free-flowering annual produces brightly colored single flowers which open on approach of twilight. Watch the Evening Primrose. (Oenothera) drop their calyx and unfold their petals and a wealth of large golden blooms greets us. A combination of red stems with red buds and yellow flowers make it a beautiful and striking plant in any collection of hardy annuals. Blooms from July until frost.

Pkt. 10c, ¼ oz. 30c, ½ oz. 50c.



Oenothera—Evening Primrose

PHLOX—Drummondii

(ANNUAL VARIETIES)

Phlox is a very pretty free-flowering annual of quick growth, coming in to bloom early in summer. When sown en masse the coloring is varied and brilliant beyond description. Sow the seed thinly as early in the spring as the ground can be worked into a loose and mellow condition, and cover ¼ in. deep. Phlox makes beautiful borders.

- Alba—Pure White.....Pkt. 10c, ¼ oz. 50c
- Fireball—Fine Scarlet...Pkt. 10c, ¼ oz. 50c
- Isabellina—Yellow .....Pkt. 10c, ¼ oz. 50c

- Violet—With purple eye, Pkt. 10c, ¼ oz. 50c.
- Lilac—A bright soft lilac. Pkt. 10c, ¼ oz. 50c.
- Crimson—Large well-formed heads. Pkt. 10c, ¼ oz. 50c.
- Peerless Mixed—Pkt. 10c, ¼ oz. 45c.
- Fine Mixed—Pkt. 5c, ¼ oz. 40c.

COLLECTION OF PHLOX

Collection contains the following varieties: Alba, Fireball, Violet, Yellow, Lilac, Crimson. One packet each, (value 60c)

POSTPAID 50c

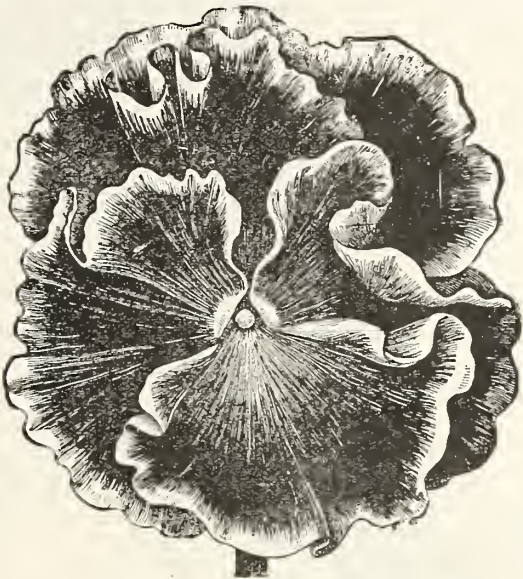
PHLOX—Hardy Perennial—F. Decussata

One of the finest hardy perennials, with extremely large heads of the most magnificently colored flowers, remaining in bloom during the late summer months. Two to three feet. Usually blooms the first season. Requires 3 to 4 months for seed to germinate. Mixed. Pkt. 20c, ¼ oz. 85c.

S. N. & S. CO'S. GIANT FLOWERING PANSIES

(The Largest and most Beautiful Shades)

These popular flowers thrive best on a cool but moist well drained soil, enriched with well-rotted barnyard manure of fine ground bone. Seeds sown early will produce fine plants for autumn blooming. The proper method is to sow in July or August and protect the plants during the winter when they will flower continuously the next spring and summer. Our Pansies are renowned as the most beautiful pansies in the world for size and color. In germinating Pansy seed allow plenty of ventilation. Keep your beds moist—quite moist—but not soaking wet until plants come up. Never allow your beds to become dry. Any dryness after seeds sprout is absolutely fatal.



Pansy Giant Flowering

- Adonis—Beautiful light blue. Pkt. 10c.
  - Fire King—The lower petals have a broad band of bright golden yellow shaded with orange. Each of the petals has a large blotch of deep mahogany-red, shaded with purplish black in the center. The two upper petals are copper-brown with a narrow edge of bright golden yellow. Fire King is a showy and free-flowering variety. Packet 10c.
  - Golden Queen—Large. Best of the pure yellows. Packet 10c.
  - King of the Blacks—Almost jet black. Extra fine large flowering. Packet 10c.
  - Lord Beaconsfield—Top pale lavender, shading to purple violet on lower petals. Very large and exquisitely marked and distinctive. Packet 10c.
  - Madam Perret—Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin. Packet, 10c.
  - Prince Henry—An extra fine variety. The largest dark purple. A flower of unusual beauty. Packet 10c.
  - Prince Bismarck—Beautiful shades of golden bronze. The largest and finest of the bronze Pansies. Packet 10c.
  - Snowflake—Extra fine pure white. Packet 10c.
- Any of the above-named varieties, 1-16 ounce, 40 cents.

- Masterpiece—Giant Ruffled—The mammoth size, richness and beauty of colorings and frilled or ruffled character of the petals make "Masterpiece" one of the most distinctive and interesting Pansies. Pkt. 15c, 1-16 oz. 60c, ¼ oz. \$1.00.
- Cardinal—This magnificent variety belongs to the Cassier race, having flowers that have well-defined dark blotch on the three lower petals. Bright cardinal red, shaded with a rich tone of bright mahogany-red toward the center. Pkt. 15c, 1-16 oz. 50c, ¼ oz. 85c.
- MLLE IRENE (New)—A shade never before known to pansies, a henna or tango red, a grand flower with long strong stems. Must be seen to be appreciated. Pkt. 20c, 1-16 oz. 50c, ¼ oz. 85c.
- Pansy—Fine Mixed ....Pkt. 10c, 1-16 oz. 25c, ¼ oz. 40c, ½ oz. 65c
- S. N. & S. Co's Giant Flowering Peerless Mixed .....Pkt. 15c, 1-16 oz. 35c, ¼ oz. 55c, ½ oz. 95c
- S. N. & S. Co's Giant Flowering Premium Mixed .....Pkt. 20c, 1-16 oz. 50c, ¼ oz. 85c, ½ oz. \$1.50

PANSY COLLECTION

This collection contains the following six varieties of Giant-Flowered Pansies: Golden Queen, Adonis, Madam Perret, Snowflake, Prince Henry, Prince Bismarck. One packet each of these six fine large-flowering Pansies (value 60c) will be mailed

POSTPAID FOR 50c



## PETUNIAS

**S. N. & S. Co.'s Double Mixed**—This is a mixture of the best large flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully pollenized and will produce grand flowers. Only a certain percentage of double flowers may be expected from seed, varying from 25 to 40 per cent of doubles, while the remainder will be choice large single flowers. The weaker seedlings should be carefully saved, as these very often produce the finest double flowers. Seed very costly. Pkt. 35c.



Petunia—S. N. & S. Co.'s Double Mixed

### SINGLE VARIETIES



Petunia—(Fluffy Ruffles)

**Fluffy Ruffles**—These Petunias are very large flowered, but the great beauty of the flower is what first commands your attention. The petals are waved and frilled and curled and twisted, giving an extremely dainty and pretty flower. Pkt. 35c.

**Elk's Purple**—A most outstanding variety, with immense flowers of rich deep Elk's purple. The texture of the petals is substantial and of velvety appearance. The blooms are enormously large and heavy. They are most attractively waved, forming, with their large lobes, a fine five-fingered star. The velvety black veins add much to the beauty of the magnificent flowers. Pkt. 50c.

**Rosy Morn**—A bright rosy pink, with silvery white throat, very charming, compact, and free flowering. Makes a very dainty and effective border. Pkt. 10c, ¼ oz. 65c

## BALCONY PETUNIAS

For window or porch boxes, dry banks, terraces, or among rockwork, the Balcony Petunias may be depended upon to supply an unsurpassed floral effect throughout the summer until frost. The flowers measure nearly 3 inches in diameter.

**Balcony Blue**—The flowers open up as a purplish blue, turning to a violet-blue when fully expanded. Pkt. 15c, 1-16 oz. 65c, ½ oz. \$1.10.

**Balcony White**—A magnificent pure white. Very large. Pkt. 15c, 1-16 oz. 65c, ½ oz. \$1.10.

**Balcony Rose**—Lovely bright rose flowers with a contrasting white throat. Pkt. 15c, 1-16 oz. 65c, ½ oz. \$1.10.

**Balcony Petunias, Mixed**—This mixture contains the three fine varieties described above. Blooms freely and gives a splendid display. Pkt. 15c, 1-16 oz. 60c, ½ oz. \$1.00, ¼ oz. \$1.75.

## POPPIES

Annual Poppies should be sown as early in the spring as possible; they do not stand transplanting. Sow very thinly, barely covering the seed. Press down firmly, and they will come up in a few days. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanded, the flowers will last several days.

### SINGLE ANNUAL VARIETIES

**Dannebrog or Danish Flag**—Large flowers of brilliant scarlet, with a silvery spot on each petal, forming a white cross. Very showy. Pkt. 5c, ¼ oz. 25c, ½ oz. 35c, oz. 60c.

**Tulip or Glaucum Flowered**—Intense scarlet. The brightest colored of all Poppies. Pkt. 10c, ¼ oz. 30c, ½ oz. 50c, oz. 85c.

**Single Annual**—Mixed colors. Gorgeous colorings, easily grown from seed sown in the open. Pkt. 5c, oz. 25c, ¼ lb. 85c.



Shirley Poppies

**White Shirley**—An exquisite free-flowering variety with single and semi-double flowers carried gracefully on fine stems 12 inches long. The flower petals are pure white and have a satiny wrinkled finish. Pkt. 10c, ¼ oz. 25c, ½ oz. 35c.

**Pink Shirley**—A free-flowering single Shirley Poppy of a beautiful wild rose color. Grows 12 inches tall. Pkt. 10c, ¼ oz. 25c, ½ oz. 35c, oz. 50c.

**Shirley Mixed**—An extra fine strain of charming poppies. They are single and occasionally semi-double and range in colors from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood red, while many are daintily edged and striped. In fact so varied are they that scarcely any two flowers are alike. Pkt. 10c, ¼ oz. 25c, ½ oz. 35c, oz. 50c.

### DOUBLE ANNUAL VARIETIES

These Poppies are very handsome. The flowers grow to an enormous size, from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking.

**Double Carnation or Peony Flowered, Mixed**—Large, full, double fringed flowers, 2 feet high. Pkt. 5c, ¼ oz. 25c, ½ oz. 35c.

**Cardinal Scarlet**—Splendid double fringed flowers. Pkt. 10c, ¼ oz. 25c, ½ oz. 35c, oz. 50c.

**White Swan or White Fringed**—Immense double white flowers, beautifully fringed. Pkt. 10c, ¼ oz. 25c, ½ oz. 35c, oz. 50c.

**Double Salmon Pink**—A beautiful shade and a favorite with all. Pkt. 10c, ¼ oz. 25c, ½ oz. 35c, oz. 50c.

**American Flag**—Beautiful variety; flowers very large and double; snow-white, bordered with scarlet. Pkt. 10c, ¼ oz. 25c, ½ oz. 35c, oz. 50c.

### PERENNIAL VARIETIES

Hardy perennials of easy culture, in bright glowing colors.



True Oriental Poppy—(Papaver Orientale)

**ORIENTAL**—(Papaver Orientale)—This is the most gorgeous perennial Poppy flowering in June and July, with enormous blossoms often measuring 5 to 6 inches across, deep crimson, with a conspicuous black blotch on each petal. Transplanting should be done carefully. The best time to lift plants is in August. Pkt. 10c, ¼ oz. 30c; ½ oz. 50c.

**Oriental Hybrids**—Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors, ranging from delicate shades of salmon to deep crimson. Mixed Pkt. 10c, ¼ oz. 35c; ½ oz. 60c.

**ICELAND**—Papaver Nudicaule—Pretty tufted foliage, flowers on long wiry stems in shades of white, yellow, and orange with satiny crinkled petals; beautiful flowers in colors.

**Bright Yellow, Pure White, Orange**, Pkt. 10c, ¼ oz. 45c, ½ oz. 75c.

**Iceland Poppy—Mixed**. Pkt. 10c, ¼ oz. 30c, ½ oz. 50c

WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US





*GAILLARDIA*



*CANTERBURY BELLS*



*DIGITALIS*



*PYRETHRUM*



*AQUILEGIA*



*DAISY (SHASTA)*



*COREOPSIS*



*SWEET WILLIAM*



*HOLLYHOCK (DOUBLE)*

### Mother's Garden Collection of Hardy Perennial Flowers

(For complete descriptions of these plants see pages 28 to 37 of this catalog)

#### PLANTS

As a special inducement to our customers we are offering a special collection of one each of the above nine plants, which, if ordered separately would cost \$3.15.

For \$2.00, Postpaid

#### SEEDS

We are also offering a special seed collection which contains one packet each of the above nine popular varieties (Value 95c)

All For 75c, Postpaid

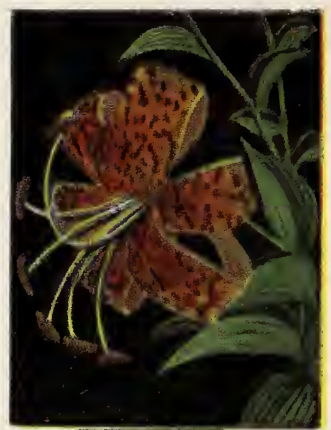




Madonna Lily



Regale Lily



Tiger Lily



Lilium Rubrum



Day Lily



Lilium Auratum

## Special Lily Assortment

Six Lilies as Pictured

Regular Value \$2.75

Special Price \$2.25 Postpaid

FOR DESCRIPTIONS SEE PAGE 32.



**PORTULACA—Moss Rose or Sun Plant**

A low growing or creeping tender annual, six to eight inches high. One of our best annuals, of easy culture, thriving best in rather rich light loam or sandy soil, and luxuriating in an exposed sunny situation. The glossy cup shaped flowers are produced in great profusion throughout the summer, and are of the richest colors. Very fine for massing in beds, edgings or rock-work, and is frequently used to sow broadcast over sunny banks. The seed germinates slowly, and should be sown early as soon as the soil is warm. They love the sunshine and do best on rather dry ground.

Single Mixed Pkt. 5c,  $\frac{1}{8}$  oz. 40c .....  $\frac{1}{4}$  oz. 75c  
Double Mixed Pkt. 10c,  $\frac{1}{8}$  oz. 50c .....  $\frac{1}{4}$  oz. 85c



Pyrethrum—"Painted Lady"

**PYRETHRUM**

**ROSEUM—Single Hybrids Mixed**—A lovely flower of easy culture, and should be more generally grown. They resemble large daisies, but of various shades of pink, deep red and purple, and make a pretty show in the garden. They also make handsome cut flowers, having stems  $1\frac{1}{2}$  feet long. The plants are perfectly hardy; grow 2 feet high. Pkt. 10c,  $\frac{1}{8}$  oz. 45c.

**AUREUM—Golden Feather**—A most desirable dwarf Pyrethrum for edging of borders, with golden yellow foliage. Half-hardy perennial. Six inches. Pkt. 10c,  $\frac{1}{8}$  oz. 35c.

**PHYSALIS FRANCHETII**—(See Chinese Lantern Plant)

**RICINUS**—Castor Oil Bean. See Page 56.



SALPIGLOSSIS

**SALPIGLOSSIS or Painted Tongue**

One of the greatest favorite annuals of easy culture, beautiful orchid-like flowers, produced from early summer until late fall. Seed should be sown early in spring in a hot bed or planted outside as soon as the soil is warm and then transplanted out of doors after danger of frost. Two to three feet. Finest Mixed, all colors. Pkt. 5c,  $\frac{1}{8}$  oz. 25c,  $\frac{1}{4}$  oz. 45c.

**Emperor Mixed**—Large improved strain with a complete range of colors. Pkt. 10c,  $\frac{1}{8}$  oz. 30c,  $\frac{1}{4}$  oz. 50c.

**SALVIA—Scarlet Sage**

**Splendens**—A tender perennial blooming the first season from seed. The blossoms are borne on long stems in racemes or spikes and are fragrant. The plant blooms profusely. Two feet. Pkt. 10c,  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 85c.

**SWEET SCENTED LAVENDER**—See Lavendula



Scabiosa, Mourning Bride or Pincushion Flower

**SCABIOSA—Mourning Bride—Pincushion Flower**

They grow about  $2\frac{1}{2}$  feet high, and come into bloom early in July and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut, keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosa, especially when flowers are wanted for cutting. **Hardy annual.**

Azure Fairy—Clear Lavender Blue ..... Pkt. 10c,  $\frac{1}{8}$  oz. 35c  
Snowball—Pure white ..... Pkt. 10c,  $\frac{1}{8}$  oz. 35c  
Fiery Scarlet ..... Pkt. 10c,  $\frac{1}{8}$  oz. 35c  
Peach Blossom—Pink—A wonderful color ..... Pkt. 15c,  $\frac{1}{8}$  oz. 50c  
Tall Double Mixed ..... Pkt. 10c,  $\frac{1}{8}$  oz. 30c  
Dwarf Choice Mixed ..... Pkt. 5c,  $\frac{1}{8}$  oz. 25c

Every well-balanced garden needs perennials, for the border, scattered through shrubbery, in the corners, everywhere. See list on page 68.

**SHASTA DAISY**—(See Chrysanthemum Page 57)

**SNAPDRAGON**—(See Antirrhinum Page 53)

**SHAMROCK**—True Small Leaved ..... Pkt. 10c

**SWEET PEAS**

We are headquarters for strictly high grade sweet pea seed. Many of the varieties offered were awarded the certificate of merit by both the American Sweet Pea Society of America and the Royal Horticultural Society of England. How to grow Sweet Peas. See Page 70.

**INOCULATE SWEET PEAS WITH FARMOGERM TO ASSURE SUCCESS**

**S. N. & S. CO.'S**

Special Flower and Vegetable Seed Collections  
See Page 73

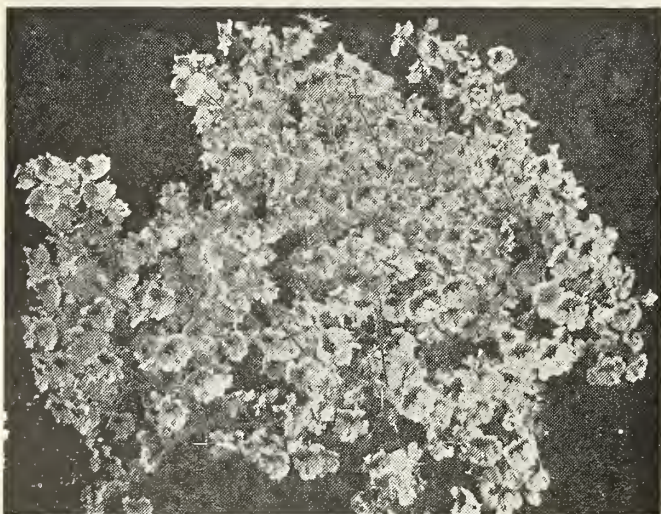
**SOW S. N. & S. CO.'S**

**WILD FLOWER GARDEN MIXTURE**

in out-of-the-way places, back lots, fence corners, etc. Scatter the seed on the surface and rake in. (See page 67).

We are pleased to Make Suggestions Along Any Line Pertaining to Our Business





Schizanthus

**SCHIZANTHUS—Butterfly or Fringe Flower**

Called the "poorman's orchid" on account of their easy culture and resemblance in form and variety of coloring to some of the floral aristocrats. Sown out of doors in spring where they are to remain, or started inside and transplanted when the weather is suitable. Hardy annual. One to two feet.

Mixed pkt. 5c, 1-16 oz. 30c; ¼ oz. 50c; ½ oz. 85c.

**STOCKS  
(Gilliflower)**

The stock is one of our very best annuals either for bedding purposes or for pot culture. Their wonderful range of colors, and unequalled fragrance make them extremely valuable. Half hardy annual, 12 to 18 inches. Sow out doors about May first.

**Improved Large Flowering 10 weeks Stocks.**

Blood Red Pkt. 10c  
Canary Yellow .....Pkt. 10c  
White .....Pkt. 10c  
Blue .....Pkt. 10c  
Purple .....Pkt. 10c  
Pink .....Pkt. 10c  
Lavender .....Pkt. 10c

Any above named ½ oz. 60c.

Mixed—All colors, Pkt. 10c, ¼ oz. 50c, ½ oz. 75c.



Stocks

**MAMMOTH FLOWERING BEAUTY STOCKS**—Early flowering or winter stocks, of a very branching habit. Largely grown for winter cutting by florists, and for greenhouse decoration. For outdoor use, sow in March, will then bloom from July to frost.

Beauty of Nice—Flesh pink .....Pkt. 15c, ¼ oz. 50c  
Mont Blanc—Pure White .....Pkt. 15c, ¼ oz. 50c  
Queen Alexandria—Rosy Lilac.....Pkt. 15c, ¼ oz. 50c  
**STOCK—Evening Scented—See Matthiola Bicornis.**

**VIRGINIA STOCK—Malcomia Maritima**

An early flowering small flowered annual, largely grown for edging border. Height about 6 inches, and bloom continuously during cool weather, finest mixed. Pkt. 5c, ¼ oz. 25c, ½ oz. 40c.

**SUNFLOWER**

Mammoth Russian .....Pkt. 5c, oz. 10c  
Helianthus Californicus—Chrysanthemum flowered. Hardy annuals, growing from 3 to 6 feet. Large densely double golden flowers. Fine, long stout stems for cutting. Pkt. 5c, ½ oz. 25c.  
Red—Single large red flowers merging to yellow at tips of petals, very showy, height about 6 feet. Pkt. 10c, ½ oz. 30c.



Statice

**STATICE LATIFOLIA—Sea Lavender**

These useful plants bear purplish blue everlasting flowers that last a long time after cutting, and are of very easy culture. Hardy perennial. Two feet. Pkt. 10c, ¼ oz. 40c; ½ oz. 65c.

**STRAWFLOWERS—Helichrysum**

The Everlasting or Strawflowers, with their rich bright colorings are most valuable for winter decorations. Plants grow readily from seed sown in the open ground when the trees are starting out in leaf. When well started, they should be kept cultivated to produce the finest and largest number of flowers. The blooms should be cut as soon as they open, tied in small bunches, and dried slowly in a cool shady place, hanging the flowers downward to keep the stems straight.

**Fire Ball**—Fire Ball is a popular variety mainly because of the richness and brightness of its blooms. They are an intense and vivid crimson. The flowers are large and well formed. The brilliancy of the color is retained well in the dried flowers. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c, ¾ oz. 60c.

**Canary Yellow**—A well-named variety since the flowers are of almost ball shape and of a rich golden yellow color. They are borne profusely on strong robust plants. Particularly fine. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c, ¾ oz. 60c.

**White Queen**—Is a favorite on account of its pure white flowers. Is grown extensively by those who make a business of growing Strawflowers for winter bouquets. The reason for this is that Snowball is most easily dyed to any desired color. The blooms are of largest size and quite double. Pkt. 10c, ¼ oz. 30c, ½ oz. 45c, ¾ oz. 70c.

**Rose Queen**—The color of this distinct variety is a bright and cheerful rose, a shade that is always greatly admired. Rose Queen deserves a place in every garden. The blooms are of remarkable size and form. The petals are large, well expanded, and lie closely together, forming a double flower which never shows a yellow center until it has passed its prime. But even then it is very beautiful, as the yellow center gives a fine color contrast. Pkt. 10c, ¼ oz. 30c, ½ oz. 45c, ¾ oz. 70c.

**Violet Queen**—As the name implies, this variety has violet flowers. The color is rich and intense. Violet Queen is a variety of recent introduction, but it has quickly become one of the most favored of all Strawflowers. The dried blooms show up particularly rich and life-like. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c, ¾ oz. 60c.

**Mixed**—Those who have not room enough to grow the separate colors will get a fine display from this mixture. Pkt. 5c, ½ oz. 25c, ¼ oz. 40c, ½ oz. 60c.



Strawflower

**COLLECTIONS OF STRAWFLOWERS**

We will mail one packet of the five fine Strawflowers (Value 50c), postpaid for 45c.

We will mail ¼ oz. each of these five fine Strawflowers (Value \$1.35), postpaid for \$1.00.

WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US





Sweet Rocket—(Hesperis)

**SWEET ROCKET—Hesperis**

A hardy perennial growing two feet high. A beautiful fragrant flower of the easiest culture and bearing clusters of white and purple blossoms. Flowers in June and September.—Mixed—Pkt. 5c,  $\frac{1}{4}$  oz. 25c,  $\frac{1}{2}$  oz. 40c, oz. 70c.



Sweet William

**SWEET WILLIAM—Dianthus Barbatus**

A beautiful sweet scented old-fashioned annual and perennial. Grows one to two feet high and bears its flowers in clusters at the end of a stiff stem. The individual florets are handsomely colored and marked. It makes a beautiful bedding plant and is of easy culture.

**Single—Mixed**—The flowers are large, of handsome form and embrace a great variety of extremely rich and beautiful colors. Perennial. Pkt. 5c,  $\frac{1}{4}$  oz. 25c;  $\frac{1}{2}$  oz. 35c.

**Annual Flowering Mixed**—A new strain that blooms the first season. Flowers large, borne in great profusion and in beautifully assorted colors. Pkt. 10c,  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c.

**SWEET ALYSSUM**—(See Alyssum)

**SWEET PEAS**—(See Pages 69 to 72)

**THUNBERGIA—Black-Eyed Susan Vine**

A beautiful tender climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers having a distinct black center. Tender annual. Pkt. 5c,  $\frac{1}{4}$  oz. 30c.

**VERONICA—Speedwell**

A beautiful species, with rich deep blue flowers. Pkt. 10c.

**EVERLASTING BOUQUETS**

If you are interested in flowers to use in "everlasting" bouquets, we have a number of them listed under "Strawflowers"—See page 66).

**VERBENAS**

Mammoth Verbenas

This well known annual of low growing recumbent habit of growth is very desirable for massing in beds. It is suitable also for borders and window boxes. Large clusters of showy flowers are borne in succession through a long season until frost. Each truss or cluster is about two to three inches across, and include a dozen or more single flowers.

Verbenas usually flower well in August from seed sown in open ground in May. Germination will be hastened if the seed is soaked in lukewarm water before planting. It is desirable to have the soil well fertilized

and carefully pulverized. Cover seed about one fourth inch deep.

The seeds require as long as 3 weeks to germinate and the soil must be kept moderately moist until the young seedlings push through the soil. When the young plants have three or four leaves transplant in rows 18 inches apart, choosing preferably a sunny situation.

Earlier blooming may be had if plants are started indoors and transplanted in the open ground after danger of killing frost is over. Half hardy perennial trailer, one foot high, usually treated as an annual.

**VERBENAS—MAMMOTH**

Pink .....	Pkt. 10c	$\frac{1}{4}$ oz. 35c
White .....	Pkt. 10c,	$\frac{1}{4}$ oz. 35c
Blue Shades .....	Pkt. 10c,	$\frac{1}{4}$ oz. 35c
Defiance—Intensely rich, brightest scarlet.....	Pkt. 10c,	$\frac{1}{4}$ oz. 35c
Firefly—Bright Red with small white eye .....	Pkt. 10c,	$\frac{1}{4}$ oz. 35c
Lutea—Yellow. A unique color among Verbenas. Very fine.	Pkt. 10c,	$\frac{1}{4}$ oz. 35c
Per Pkt. 10c .....	$\frac{1}{2}$ oz. 35c	
Fine Mixed—All colors .....	Pkt. 5c,	$\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c
Fearless Mixed—Embracing a wide range of beautiful colors, the blooms being of mammoth size. Pkt. 10c	$\frac{1}{4}$ oz. 40c,	$\frac{1}{2}$ oz. 65c.

**WHITLAVIA**

An easily grown, hardy annual, bearing small violet-blue cup-shaped blossoms. Plants one foot high. Sow seed in open ground in spring and thin the young plants. One foot.

**Gloxinoides**—Blue with white throat .....Pkt. 10c

**WISTERIA**

**Sinensis Purple**—One of our most popular hardy climbers. The flowers are abundantly borne in spring on long drooping racemes of light blue before the leaves appear. Pkt. 10c.

**WISTERIA—(Sinensis Alba)**—White .....Pkt. 10c

**WILD CUCUMBER**

Ornamental climbing cucumber with curious fruit, remarkable for its luxuriance and rapidity of growth. Sow in the fall. Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. 95c.

**WILD FLOWER GARDEN MIXTURE**

There are many annual flowers that can be grown easily. Seed of such flowers simply raked in a corner of the garden will make a pretty display of flowers and will resemble a perfect wild flower garden. Of course the soil must be fairly good and free from grass and the larger weeds must be pulled out during the season. We have made a mixture of seeds of the hardiest annual flowers that will bloom from early summer until late in the fall. These are not wild flowers. Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00,  $\frac{1}{2}$  lb. \$1.85, 1 lb. \$3.25.

**WOOLFLOWER**—(See Celosia Childsii Page 56)

**WALLFLOWER or Gold Lack**

These half-hardy perennial and annual Wallflowers are grown for early spring bedding and are delicious for their fragrance. Sow indoors in March and transplant outside as soon as weather permits. Wallflower should be better known, their adaptability for pot culture and out-door bedding and their very sweet odor should win favor. Eighteen inches. Single Mixed—Pkt. 5c, 1-16 oz. 20c,  $\frac{1}{4}$  oz. 35c.

**Early Paris Market**—A beautiful single golden yellow variety, which may be treated as an annual, flowering through the summer from seed sown in the spring. Pkt. 10c 1-16 oz. 25c.

**Blood Red**—This is a much improved and selected stock of the Annual Wallflower brought out some years ago. We have ever since been carefully selecting this, and each year getting nearer to a blood red. Pkt. 10c, 1-16 oz. 25c,  $\frac{1}{4}$  oz. 40c.

**DON'T OVERLOOK OUR SWEET PEA NOVELTIES**



**INOCULATE THIS  
SEED WITH  
STIMUGERM**

# ZINNIA

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

A half hardy annual growing from 1 to 2 feet high. The colors are in great variety and very bright. Probably no flower has such an assortment of shades, tints and colors, and no bedding plant is more effective for a brilliant show. Sow in boxes early and transplant or sow directly in the garden after May first.

## New Dahlia-Flowered

New Dahlia-Flowered Zinnias are distinct. The flowers are of immense size and are made up of a great number of small-sized petals. The individual petals stand well apart, giving an attractive grace and looseness to the flowers. They are strong growers, blooming profusely all during summer and fall.

### ZINNIA—Dahlia Flowered OUR TEMPLE MIXTURE

We wish to call special attention to this mixture which is composed of precisely the same variety of seeds as sown by us on the grounds at the Shrine Temple, Helena, and which created such a sensation during the past summer. This mixture contains all the standard and novelty shades in Zinnias and we feel sure will give very satisfactory results. Large packet 50c, ¼ oz. 60c, ½ oz. \$1.00, 1 oz. \$1.75.

**CRIMSON MONARCH**—One of the best, with immense flowers. A bright and attractive shade of crimson-scarlet. The blooms are of perfect form; borne in great profusion. Pkt. 25c, 1-16 oz. 45c, ¼ oz. 75c, ½ oz. \$1.25.

**EXQUISITE**—The flowers resemble a large Decorative Dahlia. They are a pleasing shade of reddish rose with deeper rose in the center. One of the most attractive of this type. Pkt. 25c, 1-16 oz. 45c, ¼ oz. 75c, ½ oz. \$1.25.

**GOLDEN STATE**—An excellent color. Rich golden yellow, shading to orange as the flower ages. Blooms are large, of true Dahlia form, borne on long stems. Pkt. 25c 1-16 oz. 45c, ¼ oz. 75c, ½ oz. \$1.25.

**SCARLET FLAME**—Rich orange-scarlet. A dazzling color; is one of the brightest, always attracting attention. Blooms profusely. Pkt. 25c, 1-16 oz. 45c, ¼ oz. 75c, ½ oz. \$1.25.

**DREAM**—The large flowers are a distinct shade of deep-lavender, shading to purple as they age. Very large and of fine form. A free bloomer of strong and sturdy growth. Pkt. 25c, 1-16 oz. 45c, ¼ oz. 75c, ½ oz. \$1.25.

**POLAR BEAR**—This is decidedly the finest of all white Zinnias. The flowers are of great size and pure in color. The flowers are borne with a wonderful profusion on fine strong stems. Pkt. 25c, 1-16 oz. 45c, ¼ oz. 75c, ½ oz. \$1.25.

**ORIOLE**—This variety seems to be particularly popular with all classes of gardeners. A bright glistening orange shaded with liquid gold. As the flowers age they show a coppery cast, but the effect is beautiful at all times. Of good form. Pkt. 25c, 1-16 oz. 45c, ¼ oz. 75c, ½ oz. \$1.25.

**DAHLIA-FLOWERED MIXTURE**—This is a complete Mixture of Dahlia-flowered Zinnias, including all the above separate colors and many other beautiful and rich shades. Pkt. 15c, ¼ oz. 50c, ½ oz. 85c, oz. \$1.50.

### COLLECTION OF DAHLIA-FLOWERED ZINNIAS

This collection contains one packet of the six separate colors of Dahlia-flowered Zinnias described above. \$1.00 It will be mailed to any address, postpaid for

**ZINNIA**—(Curled and Crested)—A fine mixture of colors. The petals are curled and the flowers large and attractive. Mixed. Pkt. 10c, ¼ oz. 35c.

**ZINNIA ELEGANS**—Dwarf Double Mixed—Pkt. 5c, ¼ oz. 30c, ½ oz. 55c.

**ZINNIA GRACILLIMA COCCINEA**—(Little Red Riding Hood) A superb dwarf variety about one foot high, and literally covered with brilliant red blooms about one inch in diameter. Very attractive for border plant and also when massed. Pkt. 10c, ¼ oz. 40c.

### ZINNIA—ROBUSTA OR GIANT

Tall Double—White	Pkt. 10c, ¼ oz. 40c
Tall Double—Flesh	Pkt. 10c, ¼ oz. 40c
Tall Double—Scarlet	Pkt. 10c, ¼ oz. 40c
Tall Double—Yellow	Pkt. 10c, ¼ oz. 40c
Tall Double—Crimson	Pkt. 10c, ¼ oz. 40c
Tall Double—Deep Rose	Pkt. 10c, ¼ oz. 40c
Tall Double—Purple	Pkt. 10c, ¼ oz. 40c
Tall Double—Burnt Orange	Pkt. 10c, ¼ oz. 40c
Tall Double—Mammoth Mixed	Pkt. 10c, ¼ oz. 35c, ½ oz. 60c

### COLLECTION OF GIANT DOUBLE ZINNIA

This collection contains one packet each of Giant White, Pink, Crimson, Burnt Orange. It will be mailed to any address postpaid for

**35c**

**OR COLLECTION OF THE EIGHT NAMED VARIETIES** (Value 80c) for

**65c**



Zinnia—New Dahlia-Flowered

## BEAUTIFY YOUR HOME WITH FLOWERS FROM YOUR OWN GARDEN

### PERMANENT BEDS AND BORDERS Hardy Flowering Perennials

Antirrhinum	Lavender
Aster	Lupinus
Aquilegia	(Perennials)
Canterbury Bells	Lychnis
Chrysanthemum	Phlox (Hardy)
Coreopsis	Poppy (Hardy)
Delphinium	Pyrethrum (Hardy)
Digitalis	Sweet Rocket
Gallardia	Scabiosa
Gypsophila	Wallflower
Hollyhock	

### BACKGROUNDS AND BORDERS Dwarf Border Plants

Alyssum	Myosotis
Candytuft (Hardy)	Pansy
Carnation (Border)	Pinks (Hardy)
Daisy, Double	Sweet William

### Tall Sorts for Backgrounds

Amaranthus	Lupinus
Celosia Plumosa	Marigolds (African)
Cosmos	Ricinus
Dahlia	Sunflower
Lavatera	

### PARTLY SHADY PLACES

Antirrhinum	Godetia
Aquilegia	Matricaria
Asperula	Mimulus
Canterbury Bells	Myosotis
Coreopsis	(Forget-Me-Not)
Clarkia	Nemophila
Daisy, Double	Oenothera
Delphinium	Pansy
Flax, Scarlet	Poppies
Foxglove	Schizanthus

### HANGING BASKETS, WINDOW BOXES, ETC.

Alyssum	Lobelia
Asparagus	Nasturtium, Dwarf
Convolvulus Minor	Petunia
Kenilworth Ivy	Thunbergia

### FOLIAGE

Celosia	Pyrethrum,
Centaurea	(Golden Feather)
Kochia	Ricinus

### WINTER BOUQUETS Everlastings

Acroclium	Helichrysum
Celosias	Strawflowers
Statice	

### CLIMBING VINES

Asparagus	Humulus, Jap. Hop.
Balloon Vine	Ipomea
Canary Vine	Kudzu Vine
Cobea	Miconia
Convolvulus	Morning Glory
Cypress Vine	Nasturtium, Tall
Dolichos	Thunbergia
Gourds, Ornamental	Wistaria

### EDGING WALKS, ETC.

Ageratum	Phlox, Dwarf
Alyssum	Pinks, Chinese
Candytuft	Pyrethrum
Lobelia	(Golden Feather)
Myosotis	Nasturtium, Dwarf
(Forget-Me-Not)	Nigella
Marigold, Dwarf	Zinnia, Dwarf



# S. N. & S. CO'S SWEET PEA NOVELTIES

## The New Duplex Sweet Peas

There is a charm and grace about these flowers which attracts and holds the attention. Duplex Sweet Peas have two, three and sometimes four standards and sometimes even the wings are duplexed.

The first impression is the great size and then on closer inspection the lightness and frilliness appeals greatly. The vines are not heavy in growth, just medium which is surprising considering the size of the blossoms and the profusion of blooms.

There is no doubt as to the appealing value of these Duplex Sweet Peas to all flower lovers.

When bunched, three or four blooms of a Duplex Sweet Pea look like a dozen or so of the regular Sweet Peas.

**"Kitty Pierce"** is quite a new shade in Sweet Peas, being a soft light lilac, suffused with blush pink.

The blossoms are very large and come well placed on large, stout stems, and the petals are beautifully frilled and wavy. It is a charming Sweet Pea, either as a single spray or bunched, and is destined to become a fine exhibitor's variety.

It will be a welcome addition to the list of strong growing garden varieties. Pkt. (25 seeds) 25c.

**"Winnie Morse"** is the largest and one of the most beautiful Sweet Peas we have ever introduced.

The flowers are mostly duplexed and delightfully frilled, giving the blossoms a fine light, wavy effect in spite of their large size. The color is cream ground, lightly flushed, soft rose pink. The effect when bunched is very sweet and pleasing, and the flowers are well placed on strong stems. Pkt. (25 seeds) 25c.



¼ Natural Size

NOT MORE THAN FIVE PACKETS OF EACH  
OF THESE FIVE WONDERFUL NEW  
NOVELTIES CAN BE SUPPLIED TO A  
SINGLE CUSTOMER

WE FEEL SURE THAT MANY OF OUR  
CUSTOMERS WILL WANT TO INCLUDE  
ALL FIVE VARIETIES IN THEIR GARDEN.

ONE PACKET EACH OF KITTY PIERCE,  
WINNIE MORSE, FLUFFY RUFFLES,  
PINKIE, AND HERO,

(VALUE 95c)

WILL BE MAILED TO ANY ADDRESS  
POSTPAID FOR

**90c**



¼ Natural Size

**"Fluffy Ruffles"** A great big flower, vigorous and free blooming. A new type, duplexed and frilled, with long-stemmed, well-proportioned sprays of four almost globular flowers. It exhibits a most consistent doubling and ruffling of petals. Twelve sprays make a more massive bunch than eighteen sprays of an ordinary Spencer Sweet Pea.

A lovely rich rose-pink, a gleam of soft salmon, and a bright creamy undertone blend into a harmonious cream-pink shade of exquisite beauty. It is a flower of exquisite texture and sweet fragrance. The vines make a sturdy growth and bear a profusion of blooms. Pkt. 15c, ½ oz. 30c, oz. 55c, ¼ lb. \$1.80.

### PINKIE

We consider Pinkie one of the finest novelties we have ever offered. Pinkie is larger than any other variety we have seen in the deep pink class. The beautiful rose pink tone of the flowers is free from the blueness of other deep pinks and in a bunch it is glorious. It is a most vigorous grower, a continuous cropper with long stout stems, and blooms over a longer period than other varieties. The flowers are nicely waved and well placed on the stems. Pinkie will become a particular favorite with all sweet pea growers. Awarded Gold Medal at the R. H. S. Show in London. Pkt. 15c, ½ oz. 30c, oz. 55c, ¼ lb. \$1.80.

### HERO

Is a beautiful shade. "Hero" is what might be called a brilliant clear cerise. It is more than that because in sunshine or artificial light it appears to be suffused richly with salmon. "Hero" is an entirely new shade of color and difficult to describe, and on account of its brilliance and clarity will surely be welcomed by all who like brilliant shades. The flowers are large, nicely waved, and well placed on strong stems. Pkt. 15c, ½ oz. 30c, oz. 55c, ¼ lb. \$1.80.



INOCULATE THIS  
SEED WITH  
STIMUGERM

# SPENCER SWEET PEAS

INOCULATE THIS  
SEED WITH  
STIMUGERM

## "THE SUMMER FLOWERING VARIETIES"

Our Sweet Peas have been selected for their long stems and large flowers. No other house can offer you any better

Sweet Peas deserve the place they have earned in the hearts of all lovers of flowers. They are quickly and easily grown from seed, will thrive in any garden and bear all summer an abundance of beautiful, fragrant flowers of many wonderful shades and tints. We have selected the following list of the newest and choicest up to date Sweet Peas known, for color, size of blossoms and long stems and have the endorsement of the leading American and European specialists. Many of the varieties we offer have been awarded the Certificate of Merit by both the American Sweet Pea Society and the Royal Horticultural Society of England.

**How to Grow Sweet Peas**—The general opinion is that Sweet Peas being common and hardy can be planted anywhere, which accounts for a lot of failure. There is no reason why everyone should not have fine flowers if they will observe a few simple rules. First of all plant early. We recommend the middle of April. Dig deeply. If you are growing sweet peas every year, try and prepare your ground in the Fall, and dig at least 12 inches deep, mixing manure thoroughly in the sub-soil. The surface soil in which the seed is sown should not contain manure. If you prepare your ground in the fall you will find you can sow earlier in the Spring. If you can not secure manure, use bone meal or commercial fertilizers containing phosphate and potash. Cover the ground an eighth of an inch with these and then dig in and mix thoroughly with the soil. Sow the seed three inches deep if in sandy soil, or two if in clay. Cultivate as soon as they are up and keep cultivating. Stake them as soon as the rows show plainly. For the first month they scarcely make any growth above ground, but don't need water unless the season is very dry. Later on, when they are showing vigorous growth, a thorough watering twice a week will help wonderfully, if there is not sufficient rain. An open space is preferable for sweet peas but they may also be planted alongside a house or fence but never under trees. Thousands inoculate their Sweet Pea seed with Stim-U-Germ. (See page 129). Spray thoroughly and often to prevent infection by aphids. We recommend spraying with black leaf "40" for this purpose. Leaflet on Sweet Pea Culture, Free.

**WHITE. KING WHITE.** Remarkable for the glistening purity of the whiteness and the perfect finish of the flower. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

**CONSTANCE HINTON.** A very fine black-seeded, white-flowered variety, of largest size. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

**CREAM DAFFODIL.** Deep primrose, exquisite. A vigorous variety with exquisitely frilled and waved rich blooms. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

**MAJESTIC.** Considered the best deep cream colored Spencer. Large flowers. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

**CREAM-PINK. PICTURE.** The flowers are simply enormous, are well waved and exquisitely frilled on the edges. The color is a blend of cream and pink shades altogether different from the ordinary pale cream-pinks, and having a deeper flush of color on the wings, which is particularly effective. This pink shade is brought out by the creamy flush in the center of the standard. The flowers are exquisitely arranged on long strong stems, and four flowers on a stem. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

**BRIDESMAID.** A most pleasing shade of rich salmon-pink on ivory-cream ground, resembling almond blossoms. Large, well-shaped flowers, carried gracefully, four on a stem. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

### DEEP PINK.

### COUNTRESS

The original giant flowered Spencer with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self-colored. Still one of the best Sweet Peas of today. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

**HAWLMARK PINK.** This is undoubtedly one of the finest varieties now in cultivation. The color is a most beautiful shade of rich rose-pink, deeply flushed and shaded with salmon. The wings are bright rose-pink while the standard is somewhat lighter in color, the pink being toned down with salmon. The flowers are large, usually borne in fours, each bloom being nicely placed on the long stout stems. A vigorous grower, and exceptionally free-flowering. Awarded Certificate of Merit by The Pennsylvania Horticultural Society, The American Sweet Pea Society, and The National Sweet Pea Society of England. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

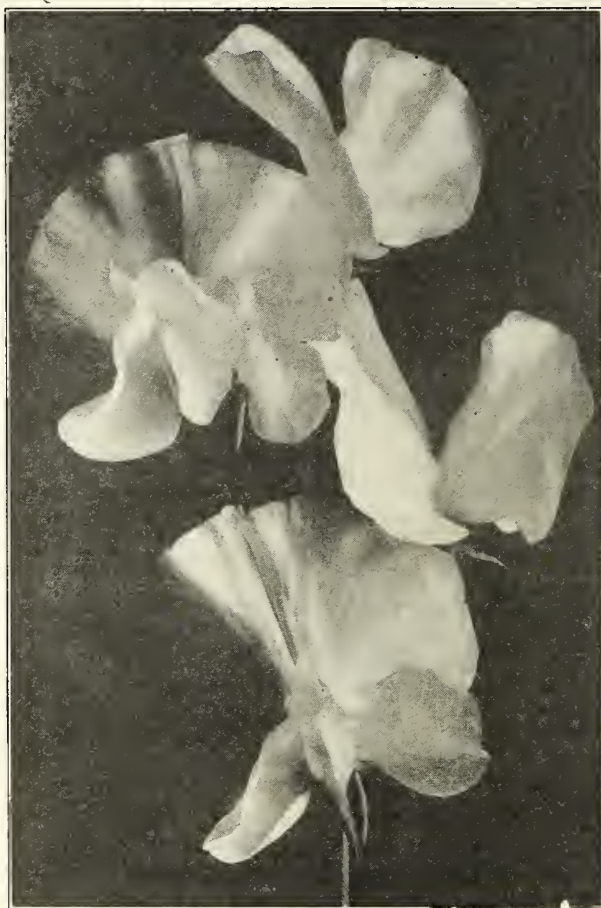
### LIGHT PINK.

### DAISYBUD

The color of flowers is a harmonious combination of apple-blossom tints with a suggestion of cream-pink. The texture of the flowers is substantial and dainty. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

**MARY PICKFORD.** A very large flower, combining extreme size with exquisite texture. The color is a dainty and appealing cream-pink with a soft suffusion of salmon. Blooms very profusely. Pkt. 15c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.50.

**BLUSH. VALENTINE.** This is a new variety of great merit. Of vigorous habit, the large flowers are a most pleasing shade of light pink. Beautifully waved and well placed on the long stout stems. It is unsurpassed for cutting or exhibition purposes. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.



Spencer Sweet Peas

**SALMON. BARBARA.** A superb salmon-colored self that makes a telling bunch either for exhibition or table decoration. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

**PRESIDENT HARDING.** The blooms are magnificent in every way, well-proportioned and of exquisite texture. Both the standard and wings are attractively waved and crimped. The flowers are borne profusely, nearly every stem holding four large blooms. The President Harding is an entirely new color in Sweet Peas—Peach-red or salmon-cerise suffused orange.

The President Harding Sweet Pea was awarded the highest honors both in America and England. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

**MISS MONTANA** is bound to rank high in merit when classed with any of the many pink varieties. The color is a distinct shade of salmon pink and the effect is extremely beautiful whether under natural or artificial light. The vines are of vigorous growth and bear profusely many four-flowered sprays of exquisitely waved or fluted flowers. The stems are long and stout. In the garden, Miss Montana is most attractive as the handsome flowers stand out from the heavy foliage which forms a most effective background. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25.

**ROSE. ROSABELLE.** Deep rose self with a white blotch at the base of the standard and wings. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00.

DON'T OVERLOOK OUR FRUIT TREE AND SHELTERBELT COLLECTIONS



SPENCER SWEET PEAS

"ARE OF THE LARGEST AND MOST BEAUTIFUL SHADES"

**ORANGE. TANGERINE.** This is the last word in orange-colored Sweet Peas. Deep orange, almost approaching the color of a tangerine-orange. Flowers of great size, beautifully waved and well placed. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**ORANGE PINK. GEORGE SHAWYER.** Superb beautifully waved flowers of giant size, in color a rich salmony-rose or orange-pink. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**ORANGE-SCARLET. DEFIANCE.** It is almost impossible to express in words the exquisite beauty of this new Sweet Pea. The color is a pleasing orange-scarlet, absolutely burnless. Defiance has a charming form. It is of immense size and of vigorous robust habit; carries four very large size flowers on long stout stems, which are produced in great profusion. An outstanding variety which must be seen to be appreciated. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**SCARLET. MRS. C. P. TOMLIN.** This is one of the outstanding crimson-scarlets. Remarkable for its richness and substance. The color is scarlet with a touch of fiery red in it. Flowers of the largest size, producing an abundance of four-flowered sprays on very long stems. Award of Merit National Sweet Pea Society of England. Pkt. 10c, 1/4 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**ROYAL SCOT.** Of all brilliant scarlet shades of Sweet Peas sent out either in this country or Great Britain, none surpass ROYAL SCOT. In size and form, it is far superior to any other of this shade, and does not fade or burn in the hottest sunshine. One of the best recent novelties. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**CRIMSON. KING EDWARD.** Deep rich crimson; a strong and beautiful color. Does not fade or scorch. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**CRIMSON KING.** (New) This wonderful new Sweet Pea is unquestionably the most remarkable self-colored crimson Sweet Pea ever introduced. The strong growing vines produce freely, very long stemmed sprays of four or five large blossoms. The color is a magnificent rich ox blood crimson, becoming richer in the throat, a distinctly new shade of crimson, very bright. Crimson King was awarded a Certificate of Merit by The Royal Horticultural Society of England. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.20.

**CERISE. DEL MONTE.** A rich salmon cerise pink. Of perfect Spencer form, large and bold and with wavy or fluted petals. Both standard and wings are the same shade and the color is well fixed so that it does not sunburn. Under artificial light a spray or bowl of Del Monte is a delight. The vines are vigorous in habit of growth, the stems are long and bear almost uniformly four blossoms. Awarded Certificate of Merit. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25.

**HAWLMARK CERISE.** Glowing rose-cerise on cream ground. Hawlmarm Cerise is an excellent flower of magnificent size and artistic proportion. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**LAVENDER. AUSTIN FREDERICK.** Large, waved lavender flowers produced on long stems. Blooms profusely, good Spencer form. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**HAWLMARK LAVENDER.** A true, clear light lavender with flowers of the largest size. Easily the best of its class. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**BLUE. MRS. TOM JONES.** Bright delphinium-blue. The flowers are very large and of great substance, beautifully waved, and invariably come four on a stem of great length. A first-class rich blue has long been wanted and now we have it in this charming and beautiful novelty. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**JACK CORNWELL, V. C.** A very fine dark blue of enormous size and excellent form. Vigorous, bearing four flowers on a stem. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**MAGIC.** Rose amethyst blue deepening to blue at base. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**MAROON. HAWLMARK MAROON.** A rich red-maroon; the flowers have a glistening sheen resembling polished mahogany. A remarkably strong grower, producing in abundance four-flowered sprays of very long stems. Received Award of Merit from The Royal Horticultural Society, England. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**PICOTTE EDGED. JEAN IRELAND.** Beautiful cream buff standard margined carmine rose. The finest picotte cream Spencer. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**MAUVE. KING MAUVE.** A pleasing shade of rosy mauve and a flower of great size. The immense blooms are freely borne on extra long stiff stems. They are well placed and charmingly waved or frilled. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

**PURPLE. ROYAL PURPLE.** The color is a rich warm purple, the younger flowers having a slightly softer color tone. Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.00.

SPENCER SWEET PEAS—MIXED

A splendid mixture, composed of Giant Waved Spencer varieties, blended in proper proportion and including several new hybrids of exquisite colors and shades. The varieties included in this mixture will produce from three to four flowers on a stem. 1/2 oz. 20c, oz. 30c, 1/4 lb. 90c, 1/2 lb. \$1.50, 1 lb. \$2.75.

SWEET PEA NOVELTIES—See Pages 69 and 72

SPECIAL OFFER OF SPENCER SWEET PEAS

We will send you one 10c package of the 32 varieties listed (not including 15c or 25c pkgs.) for \$2.75.

Your choice of any 15 varieties (not including 15c or 25c packages) 10c packages only, for \$1.25.

Our choice of any 15 varieties, (10c packages) for \$1.00.

Alphabetical List of Grandiflora Sweet Peas

The overshadowing size and beauty of the Spencer Sweet Peas has gradually reduced the demand for most varieties of the Grandiflora types, so that we now offer only a limited list.

	Oz.	1/4 lb.	1 lb.
COUNTESS OF RADNOR—Lavender	.20	.50	1.75
DOROTHY ECKFORD—Large white	.20	.50	1.75
FLORA NORTON—Bright sky blue	.20	.50	1.75
KING EDWARD VII—Deep red	.20	.50	1.75
MRS. E. KENYON—Large clear primrose	.20	.50	1.75
MRS. WALTER WRIGHT—Rose purple	.20	.50	1.75
MISS WILMOTT—Orange pink	.20	.50	1.75
BLACK KNIGHT—Very dark maroon	.20	.50	1.75
PRIMA DONNA—Pure pink, self colored	.20	.50	1.75
FEERLESS MIXED—The best Grandiflora Mixture, colors well proportioned	.15	.40	1.50

LATHYRUS—Everlasting or Perennial Sweet Peas

A hardy perennial climber. Sow the seed in rich ground early in the Spring, covering one inch deep. Trellis should be provided for the vines to climb. The young plants start slowly but make a strong growth and bear large compact clusters of flowers resembling those of the Sweet Pea but without fragrance, and give profusion of bloom from early Summer until late in the Fall. They die down in Winter but start again from the old roots in the Spring.

Red, Pkt. 15c, 1/2 oz. 40c, oz. 75c. White, Pkt. 15c, 1/2 oz. 50c, oz. 90c. Mixed, Pkt. 10c, 1/2 oz. 35c, oz. 65c. Pink, Pkt. 15c, 1/2 oz. 40c, oz. 75c.

PERENNIAL SWEET PEAS SEE DESCRIPTION PAGE 31

BEFORE MAILING YOUR ORDER BE SURE TO CHECK OVER OUR PEONY LIST



# S. N. & S. CO'S SPENCER SWEET PEAS

## THE EARLY OR WINTER FLOWERING VARIETIES

This new race of Early Flowering Spencer Sweet Peas are particularly adapted to sections where the summer flowering Spencer varieties have not proved satisfactory. They are now very popular and in great demand by florists for forcing under glass for winter and early spring blooming, but are just as valuable for the amateur for outdoor culture coming into flower four to five weeks earlier than the regular summer flowering varieties and if the flowers are kept picked will continue to bloom over a period of nearly four months. The flowers are large of the same form as the Spencers and are beautifully waved or frilled. We offer the following carefully selected varieties.

Thousands inoculate their Sweet Pea seed with Stim-U-Germ. (See Page 129). Spray thoroughly and often to prevent infection by aphids. We recommend spraying with Black Leaf "40" for this purpose.

## NOVELTIES

These two very beautiful varieties will undoubtedly prove to be the forerunners of a distinct new race.

### EARLY DUPLEX GEM

Early Duplex, "Gem" is all that its name implies. Everyone who has seen this novelty has been loud in admiration and praise.

The color is soft rose pink flushed on light cream ground. The flower is truly enormous in size yet beautifully light and frilly. The huge effect comes of course from the duplexing of the standard and sometimes even the wings.

The vines are not heavy but bear a profusion of blooms on good stems. Pkt. (25 seeds) 25c.

### EARLY DUPLEX PIONEER

...Early Duplex "Pioneer." The color is rose pink on cream ground. The color is quite uniformly spread over the standard and wings giving a lovely effect which is greatly added to by the unusual frilliness of the flower. The flowers look double and really are double since often there will be three or four standards and sometimes the wings are also double.

The vines are quite vigorous and bear a profusion of flowers on long stems. It is quite common to get four beautiful duplexed flowers on one stem. Pkt. (25 seeds) 25c.

**WHITE. ALL WHITE.** The largest white, immense size. Of vigorous habit and extremely free-flowering. Pkt. 15c, ½ oz. 40c, oz. 70c, ¼ lb. \$2.00.

**WHITE HARMONY.** It is a fine grower. The stems are long, the flowers are large and pure paper white of grand substance. White Harmony does not show the green edge on the flowers which other black seeded will show. Four large flowers on each stem, the best white sweet pea yet introduced, awarded silver medal. Pkt. 25c, ½ oz. \$1.25, oz. \$2.25.

**PINK. SUPERIOR PINK.** A pleasing shade of glowing pink with a soft suffusion of salmon. Large, beautifully waved flowers. Awarded a silver medal. Flowers exhibited at the New York Show measured 2½ inches across. Pkt. 25c, ½ oz. 70c, oz. \$1.35.

**BLUSH. FAIR MAID.** A blush pink, suffused salmon on a white ground. A beautiful shade. Pkt. 15c, ½ oz. 40c, oz. 70c, ¼ lb. \$2.00.

**CRIMSON. AVIATOR.** Deep rich crimson. A strong and beautiful color. A vigorous grower. Pkt. 15c, ½ oz. 40c, oz. 70c, ¼ lb. \$2.00.

**QUEEN CRIMSON** —The brightest and richest of the Early Crimson, large flowers, long stems and good growth. Queen Crimson will be the choice of those who grow the best, will be in great demand on account of the brilliant coloring. Pkt. 25c, ½ oz. 70c, oz. \$1.35.

**SCARLET. GRENADE.** The large flowers are a rich Poppy-scarlet. Borne profusely on long stems. Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.40.

**BRIGHT LIGHT** — The brightest of all scarlets. It is a glorious color, rich and vivid. It is absolutely sun proof and in fact the brighter the sun the brighter the color. Under artificial light it stands out in all its brilliance commanding attention. Pkt. 25c, ½ oz. 70c, oz. \$1.35.



Early Flowering Sweet Peas

**EARLY FLOWERING SPENCERS MIXED.** A choice mixture of the foregoing named Early Flowering Spencer Varieties. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20, ½ lb. \$2.00, lb. \$3.50.

### ROSE. ZVOLANEK'S ROSE

This is a widely known variety with large flowers and bold stems. Color a rich rose. Pkt. 10c, ½ oz. 40c, oz. 75c.

**ROSE DORE.** A beautiful rose pink suffused gold, with orange shading; very long stems. Pkt. 15c, ½ oz. 40c, oz. 70c, ¼ lb. \$2.00.

### ORANGE. ORANGE KING

The most outstanding orange sweet pea. It is a clear intense orange. Pkt. 25c, ½ oz. \$1.00, oz. \$1.75.

### ORANGE-SCARLET.

**GLITTERS.** Glitters and scintillates with a fire-like sheen radiating over the flowers. The standard is a bright fiery orange, and the wings are deep orange. Pkt. 15c, ½ oz. 35c, oz. 60c, ¼ lb. \$1.80.

### LAVENDER. SWEET LAVENDER.

A beautiful shade of lavender. Pkt. 25c, ½ oz. \$1.00, oz. \$1.75.

### BLUE. NEW BLUE.

A charming shade of true blue; a color much in demand. Of great size, excellent form, free blooming, long stemmed, and heavy texture. Pkt. 25c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.40.

**SILVER BLUE.** The large flowers borne three or four to a spray are beautifully spaced and are a pleasing delicate shade of lavender blue, showing up splendidly in both natural and artificial light. Stems are long and sturdy. For a light blue we feel that those growing Sweet Peas will find Silver Blue a most satisfactory variety. Pkt. 15c, ½ oz. 20c, oz. 55c, ¼ lb. \$1.80.

### PURPLE. AMETHYST.

The color is a rich warm purple, the younger flowers having a slightly softer color tone. Pkt. 15c, ½ oz. 40c, oz. 70c, ¼ lb. \$2.00.

It will pay you to get acquainted with our seed and plant collections



All prices on trees, shrubs and plants include delivery to your nearest express station.

## PLANT A GARDEN

All prices on trees, shrubs and plants include delivery to your nearest express station.

GROW YOUR OWN VEGETABLES FOR HEALTH AND WEALTH

### The Vegetable Garden

It is a moral trait in human nature to love to "grow things." Gardening gives pleasure in the producing of nice, crisp, fresh vegetables for the family table. No vegetables ever come to the table like those gathered fresh from the garden. Aside from being an interesting "hobby" the vegetable garden is a vitally important factor to the health of the entire family.

Vegetables and milk contain Vitamins A, B, C, and D which modern science has discovered means more to the health problem than any other recent discovery. As stated elsewhere in the catalog we devote large areas to the testing of the various vegetables listed, hence with confidence we can recommend all of the varieties listed.

Many people are under the impression that seeds can only be planted successfully during the spring months of April and May. The truth, however, really is that the wide awake planter begins just as early as the ground can be worked in the spring, and sows "successive crops" throughout the summer of beets, carrots, endive, lettuce, peas, radish, spinach, etc. A space 50x50, if properly planted and cared for, will produce far more vegetables than the average family can consume and if purchased in the market would exceed \$60.00 to \$100.00 in cost... Therefore the cost of the family's food can be reduced by having a supply of vegetables of the various varieties at hand.

## S. N. & S. CO'S SEED COLLECTIONS

THESE COLLECTIONS AT SPECIAL RATES, ARE PACKED BEFORE THE OPENING OF THE SEASON AND CAN NOT BE CHANGED IN ANY WAY. WE PREPAY THE POSTAGE ON ALL COLLECTIONS

### School Girls

#### FLOWER SEED COLLECTION

Secure this collection for your daughters to encourage them to take an interest in the garden and make the home beautiful.

- 1 Pkt. Asters Finest Mixed.
- 1 Pkt. Calliopsis.
- 1 Pkt. California Poppy.
- 1 Pkt. Marigold.
- 1 Pkt. Mignonette Sweet.
- 1 Pkt. Nasturtiums Mixed.
- 1 Pkt. Pansy.
- 1 Pkt. Sweet Peas.



Dry Land Garden at the Judith Basin Experiment Station. (Supt. I. J. Jensen). State Nursery Seeds. Mr. Jensen said: This is not a good picture but it was a good garden."

### School Boys

#### VEGETABLE COLLECTION

Secure this collection for your boys. Give them a garden of their own and watch the interest they will take; encourage them.

- 1 Pkt. Beet Early Round Red.
- 1 Pkt. Beans Yellow Wax.
- 1 Pkt. Cabbage Early.
- 1 Pkt. Carrot Early.
- 1 Pkt. Lettuce Loose Leaf.
- 1 Pkt. Onion Red.
- 1 Pkt. Radish Early Round Red.

ALL FOR  
25c  
POSTPAID

SECURE THIS

ALL FOR  
25c  
POSTPAID

#### CITY GARDEN COLLECTION

- |                                |                                |
|--------------------------------|--------------------------------|
| 1 Pkt. Beans Early Yellow Wax. | 1 Pkt. Lettuce Loose Leaf.     |
| 1 Pkt. Beans Early Green Pod.  | 1 Pkt. Onion Red.              |
| 1 Pkt. Beet Early Round Red.   | 1 Pkt. Parsnip.                |
| 1 Pkt. Cabbage Early.          | 1 Pkt. Peas Early.             |
| 1 Pkt. Carrot Early.           | 1 Pkt. Peas Medium.            |
| 1 Pkt. Corn Sweet Early.       | 1 Pkt. Radish Early Round Red. |
| 1 Pkt. Cucumber Early.         | 1 Pkt. Radish Long.            |
|                                | 1 Pkt. Tomato Early.           |
|                                | 1 Pkt. Turnip Early.           |

16 Large Size Packets for only 50c Postpaid.

50c POSTPAID

All for 25c Postpaid

#### GARDEN BEAUTIFUL COLLECTION

- |                             |                          |
|-----------------------------|--------------------------|
| 1 Pkt. Asters Finest Mixed. | 1 Pkt. Marigold Mixed.   |
| 1 Pkt. Ageratum.            | 1 Pkt. Mignonette.       |
| 1 Pkt. Alyssum.             | 1 Pkt. Nigella.          |
| 1 Pkt. Balsam.              | 1 Pkt. Poppy Mixed.      |
| 1 Pkt. Candytuft            | 1 Pkt. Phlox Mixed.      |
| 1 Pkt. Morning Glory.       | 1 Pkt. Nasturtium Mixed. |
| 1 Pkt. California Poppy.    | 1 Pkt. Pansy Mixed.      |
|                             | 1 oz. Sweet Peas Mixed.  |

The above collection will give you a continuous show of beautiful flowers from early spring until late fall.

50¢

POSTPAID

50¢

#### FARM GARDEN COLLECTION FOR \$1.50

- |                               |                            |                                  |
|-------------------------------|----------------------------|----------------------------------|
| 1 Pkt. Beet Early Round Red.  | 1 Pkt. Cauliflower.        | 1 Pkt. Parsley.                  |
| ½ Pt. Beans Early Yellow Wax. | 1 Pkt. Lettuce Loose Leaf. | ½ Pt. Peas Early Dwarf.          |
| ½ Pt. Beans Green Pod.        | 1 Pkt. Lettuce Head.       | ½ Pt. Peas Medium.               |
| 1 Pkt. Cabbage Early.         | 1 Pkt. Musk Melon Early.   | 1 Pkt. Radish Early Round Red.   |
| 1 Pkt. Carrot Medium.         | 1 Pkt. Onion Red.          | 1 Pkt. Radish Long.              |
| ½ Pt. Corn Sweet Early.       | 1 Pkt. Onion Yellow.       | 1 Pkt. Turnip Early.             |
| 1 Pkt. Cucumber Early.        | 1 Pkt. Parsnip.            | 1 Pkt. Tomato Early.             |
|                               |                            | 1 Pkt. Rutabaga American Purple. |

This Collection of Twenty-three Large Size Packets and ½ Pin's, sufficient for a family garden, All for \$1.50 Postpaid.

THINK OF IT.

EIGHT PERENNIALS, OUR SELECTION, POSTPAID \$2.00; TWELVE PERENNIALS, OUR SELECTION, POSTPAID \$2.75



S. N. & S. CO'S.  
PEERLESS

## VEGETABLE SEEDS

COMPLETE  
LIST

ALL VEGETABLE SEEDS ARE POSTPAID UNLESS OTHERWISE NOTED

VEGETABLE GARDEN TIME TABLE FOR PLANTING SEEDS

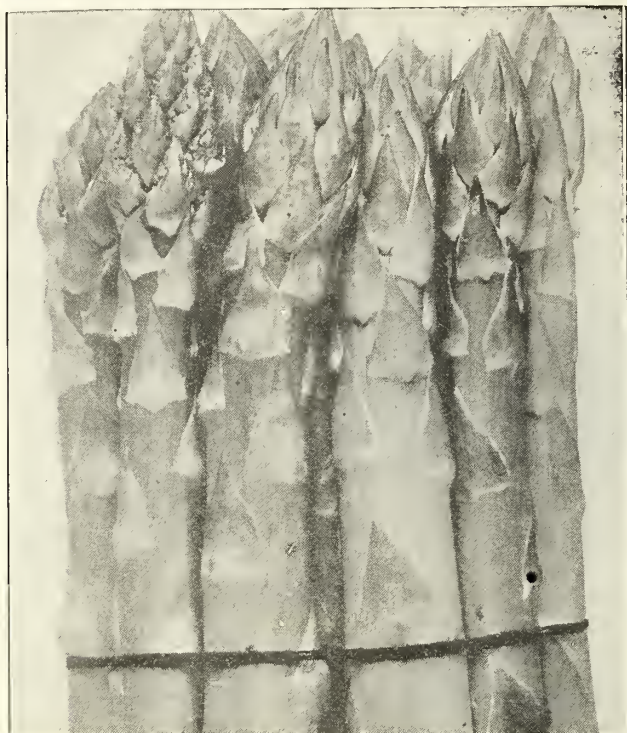
From Practical Experience

Asparagus ..... March to June  
Beans (All varieties) ..... May  
Beets (Table varieties) ..... April to May  
Beets (Stock) ..... May  
Broccoli (Hot bed) ..... March  
Brussels Sprouts (Hot bed) ..... March  
Cabbage (Early varieties, hot bed) .....  
Cabbage (Late varieties, hot bed) ..... March  
Cabbage (Late in open) ..... May  
Carrots (Table varieties) ..... April and May  
Carrots (Stock) ..... May  
Cauliflower (Hot bed) ..... March  
Celery (Late, hot bed) ..... April  
Chervil ..... May to July  
Cress (Pepper Grass) ..... May to July

Cress (Water) ..... May to July  
Corn ..... May 10 to 20  
Cucumbers ..... May  
Endive ..... April to July  
Kohl Rabi ..... May to June  
Kale ..... May  
Lettuce ..... April to May  
Leek ..... May  
Melon (Water) ..... May  
Melon (Musk) ..... May  
Onion Sets ..... March and April  
Onion Seed ..... April  
Parsnip ..... April  
Parsley ..... May  
Peas ..... April to June  
Pepper (Hot bed) ..... March  
Potatoes ..... May

Pumpkin ..... May  
Radish ..... April to July  
Rhubarb ..... May to July  
Salsify ..... April and May  
Spinach ..... April to August  
Squash ..... May  
Sunflower ..... April to May  
Turnip ..... April to July  
Tomato (Hot bed) ..... March  
Butabaga ..... May to June

This table is for general use in Montana and has been compiled after much experience in vegetable gardening. This will apply to Idaho, Dakota and Wyoming, also.



### ASPARAGUS

1 oz. to 50 feet of drill. 5 lbs. to the acre.

Ger.—Spargel.

Scand.—Asparges

Sow early in the spring in drills 2 inches deep and 12 inches apart if to be cultivated by hand. One ounce of seed will make about 500 plants. When the plants are one or two years old transplant to rows 5 feet apart, and 18 inches apart in the row. Cover the soil 4 to 5 inches deep with well rotted manure and disc well—then plow as deep as possible and fine with harrow. Turn furrows 5 feet apart, about 6 inches deep. Place plants in rows about 18 inches apart, with roots well spread out. Turn a light furrow back over them and level with the harrow by cross harrowing.

**ASPARAGUS—(Conover's Colossal)**—The favorite in our western market, having a pink tinge, and very fine flavor, of vigorous growth. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25, postpaid.

**ASPARAGUS—(Palmetto)**—The plants are strong and vigorous in growth, producing large, thick, dark green shoots, with a distinctly pointed head or tip. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25, postpaid.

**WASHINGTON—The New Giant Rust-proof Variety**—This new sort is the result of many years work in plant breeding by the U. S. Department of Agriculture. The Washington is a rust-resistant, vigorous, high yielding strain of Giant Asparagus. Plants grow rapidly and produce uniformly long shoots of superior table qualities. It produces large straight shoots of a dark green color. The tips are tight and firm and do not open out or begin to branch until well out of the ground; a very valuable feature. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00.

**ASPARAGUS ROOTS**—See Page 49.

### ARTICHOKES



JERUSALEM ARTICHOKES.

**StimUplanT**  
Makes a  
Wonder Garden

Most valuable food for hogs that can be grown. Every hog raiser should plant them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily, 300 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them for if given an opportunity, the hogs will help themselves. Artichokes

need planting but once, and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn, they will come up thickly all over the surface. Those wishing to purchase should place orders early. Per lb. 25c postpaid, 5 lbs. \$1.10 postpaid, 10 lbs. \$2.00 postpaid, 25 lbs. at 15c per lb. by express. Write for prices on larger lots.

### BROCCOLI or Winter Cauliflower

¼ oz. to 100 feet of drill. 2 to 3 oz. to the acre.

Ger.—Spargelkohl.

Scand.—Broccoli-kaal

(One ounce will produce about 3,000 plants.)

Sow the first week in May in drills 3 to 4 inches apart, covering seeds lightly. When the leaves are about three inches broad, transplant to prepared beds 2 feet apart each way. Much resembles Cauliflower, cultivation the same.

**BROCCOLI—(Snow White)** 150 days—Pure white color; heads medium size, close and compact. Pkt. 10c, oz. 90c, ¼ lb. \$3.00.

### DWARF SHELL BEANS

Shell Beans are grown exclusively to use as dried beans during winter. The food value of dry beans is very high. Sow 16 to 24 lbs. to the acre.

**Great Northern Navy**—This variety is especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans. Its flavor and tenderness as a baked bean are "par excellence." Pkt. 5c, ½ lb. 15c, lb. 25c, 2 lbs. 40c, postpaid.

**FOR LARGER QUANTITIES**—See Field Seeds.



### ASPARAGUS KNIFE

This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as Dandelions. Each 50c, postpaid 60c.

Gentlemen:—We have always had wonderful success with your seeds and shall always recommend them. We had flowers long after others were frozen last year. The plants seem harder than those obtained from seeds purchased from other places.

MRS. T. V. L.  
1246 W. Silver, Butte, Mont.

NEW AND BETTER DAHLIAS—SEE COLLECTIONS—Pages 8, 9 and 10



INOCULATE THIS  
SEED WITH  
STIMUGERM

# BEANS

INOCULATE THIS  
SEED WITH  
STIMUGERM

(2 lbs. to 100 feet in drill, or 150 hills; 120 lbs. to the acre, in drills.)

(1 lb. is a little more than a pint. 2 lbs. is a little more than a quart.)

Beans require a light friable soil with plenty of moisture. In the garden, the soil should be made mellow and rich, and kept so. All pole varieties should be provided with poles as a trellis on which to climb. For garden crop, a succession of sowings can be made from the first week in May until the middle of June. Sow in rows 18 to 24 inches apart and cover from 1 to 2 inches deep, but not more. Keep the pods picked and the vines well watered and the beans will continue bearing much longer than if allowed to dry up. Hoe the rows occasionally. For farm crop, plant about 25 pounds per acre in rows 36 inches apart. Heavy clay or adobe soils are not suitable for beans.

## DWARF, OR BUSH, WAX OR YELLOW PODDED VARIETIES THE SIX BEST YELLOW PODDED BEANS FOR MONTANA

**Improved Golden Wax**—Probably the best known of all Wax Beans; it is the ideal Wax Bean; very prolific. Thick fleshed and stringless. 60 days. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.



Early Wonder Wax

**Early Wonder Wax**—Belongs to the flat podded class and grows a strong plant, 18 inches high and two feet across. It is well loaded with pods, five to seven inches long; flat, plump, handsome and meaty, of a clear, waxy yellow color. As to quality the pods are tender, brittle and of fine texture. We claim this is the earliest wax-podded bean. In edible condition sooner than any other wax-podded sort. Practically rust-proof; a bountiful yielder, in bearing for a long season, it is an ideal bean for the home and market gardener. It seems determined to yield a crop in good weather or bad. It is a real money maker for the market gardener. Ready to pick in 55 days. Pkt. 5c, ½ lb. 30c, 1 lb. 50c, 2 lbs. 90c, postpaid.



**Sure Crop Stringless Wax**—very much resembles Bountiful in the sturdy character and disease resistant constitution of its plants. It also starts bearing within 60 days after seeds are sown, but if anything its bearing season is longer. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and we have never found a stringy specimen. In common with most black-seeded varieties, Sure Crop Stringless Wax is very hardy and may therefore be planted several days earlier than the light-seeded varieties. 65 days. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.

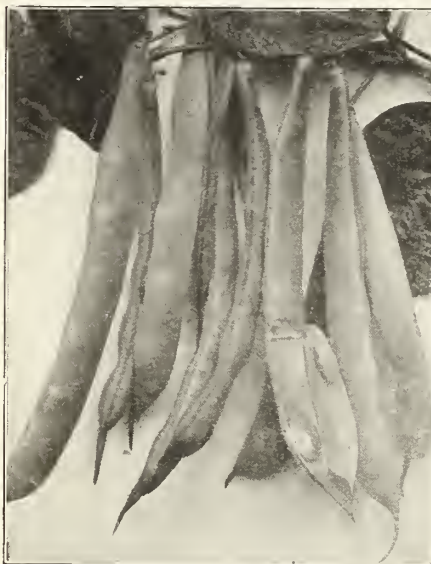
On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight, NOT PREPAID.

Sure Crop  
Stringless Wax



Black Wax—Pencil Pod

**Black Wax—Pencil Pod**—Is the most satisfactory of the early dwarf Wax Beans. Of dwarf, bushy growth, about fifteen inches high, large luxuriant foliage, beneath which in great clusters will be found an enormous crop of beautiful straight yellow pods six to seven inches long, well rounded, deeply "saddle backed," meaty and solid clear through; they are brittle, of rich mild flavor, and entirely stringless. An early sure cropper; of the finest quality. 65 days. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.



**Wardwell's Kidney Wax**—In western prairie soil this sort is at its best, and gives most gratifying results. The pods are 7 inches long, flat, brittle, stringless, straight, finely shaped, a beautiful yellow, distinct and attractive; they make delicious eating. A good yielder; good in the home garden and profitable for the market. 60 days. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.

Wardwell's Kidney Wax

**Davis White Wax**—This is also called the Davis White Kidney Wax. It is a well known market sort much used for shipping. The plants are very hardy and productive, and the variety is very desirable where a handsome wax-podded white seeded intermediate sort is wanted. The plants are very vigorous. The pods are remarkably long, about six inches, sometimes longer. They are handsome, light yellow, straight, very attractive and when young are crisp and tender. The dry beans are excellent for baking. Seed medium large, clear white and kidney shaped. 55 days. Pkt. 5c, ½ lb. 20c, 1 lb. 45c, 2 lbs., 80c, postpaid.



INOCULATE THIS  
SEED WITH  
STIMUGERM

# BEANS

DWARF OR BUSH, GREEN PODDED VARIETIES  
(THE FIVE BEST GREEN PODDED BEANS FOR MONTANA)

INOCULATE THIS  
SEED WITH  
STIMUGERM



**Bountiful**

**Bountiful** — This excellent dwarf, green podded sort is similar in appearance to Early Yellow Six Weeks but is of much better quality. The vines are vigorous and productive. The pods are very long, six to seven inches, straight, broad, flat, light green, of handsome appearance and absolutely stringless. They are tender and brittle. The pods are longer, broader and have much longer tips than those of Long Yellow Six Weeks. Seed medium sized, kidney shaped, light yellow with brownish circle about eye. Bountiful is a most desirable early sort. 62 days. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.



**Feltham Prolific**

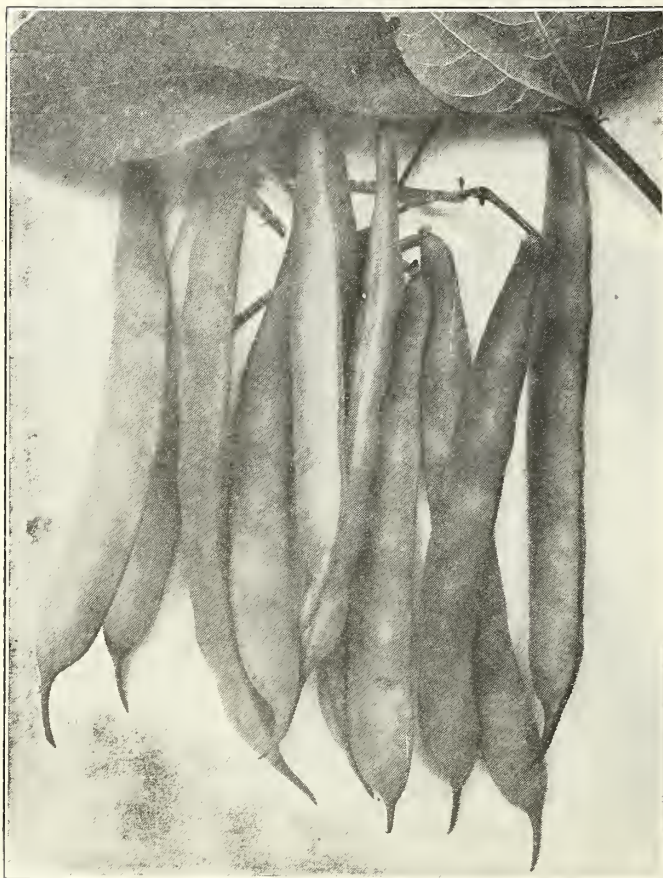
## FELTHAM PROLIFIC

"THE GREATEST  
PRODUCER YET  
INTRODUCED."  
A MARVEL OF  
PRODUCTIVENESS

Our IRIS  
Collections  
Will Surprise you  
See Page 32

This new Dwarf Green Bean is one of the heaviest croppers yet introduced. It produces a mass of medium sized, rich green fleshy pods which are very crisp, and stringless. As the seed is small they do not quickly show through the pods. This is a great advantage as many other good varieties age so quickly that they are useless if allowed to go a day or two too long. "Feltham Prolific" is dwarf with dark green foliage and remarkably quick in growth. A test of ¼ lb. of seed in Montana yielded 10 lbs. of dried beans. Try this sweet and delicious bean. They are really wonderful.

Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.



**Long Yellow Six Weeks**

**Long Yellow Six Weeks**—Are large, vigorous, erect and very productive. The pods are long, about six inches, straight, flat, handsome, rather light green and when young are of a good quality for snaps. Seed medium sized, long, kidney shaped, light yellow with small brownish circle about the eye. Is early maturing and much used for the home garden and market. 62 days. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.



**Stringless Green Pod** —Flat pods ready for use within 65 days after sowing seeds. Remains tender and crisp a long time after reaching full size. Pods are pale green, long and round, meaty and of excellent flavor. The plants have a spreading habit of growth and produce large quantities of pods which are very uniform both in size and shape. Pkt. 5c, ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, postpaid.

## BOOKS ON HORTICULTURE

On page 139 you will find listed a carefully selected list of the best books on horticulture and kindred subjects. The prices given include postage.

**Extra Early Red Valentine**

**Extra Early Red Valentine**—Is very hardy and early, germinates in cold ground where other sorts would not. Vines are about 15 inches high, yield well; pods are round and fleshy and eaten when young are of good quality. The demand for a hardy early bean of good quality has established a reputation for this excellent sort. For market garden and home use it is an easy winner. 65 days. Pkt. 5c, ½ lb. 25c, 1 lb. 40c, 2 lbs. 75c, postpaid.

**NOTICE**—On Beans in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. **NOT PREPAID.**

WE LIKE TO HAVE VISITORS THEY ARE OUR BEST ADVERTISERS.



INOCULATE THIS  
SEED WITH  
STIMUGERM

## BEANS---Pole or Running

INOCULATE THIS  
SEED WITH  
STIMUGERM

Pole beans well deserve to be used much more largely than they are since they yield much more heavily than the dwarf varieties. They persist in blossoming and bearing an abundance of fleshy, tender beans until the vines are killed by frost. They are rather more sensitive to the cold and wet than the dwarf varieties and should be planted later. About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

**Kentucky Wonder or Old Homestead—Green Pod**—Pronounced by experts the best flavored of all Beans in cultivation. Kentucky Wonder combines size and quality in an extraordinary degree. Pods are generally borne in clusters of 2 or 4, individual pods averaging 7 to 8 inches long. They are deeply saddle backed, very fleshy and perfectly stringless at all stages of development. Kentucky Wonder matures the bulk of its crop in 80 days. Seeds sown along with the earlier varieties of Bush Beans will yield a crop just about the same time that the Bush Beans are through bearing. Where poles are not available, string supports should be provided since the vines are exceedingly rank growers, bearing exceptionally heavy crops. Pkt. 5c, ½ lb. 25c, 1b. 40c, 2 lbs. 70c, postpaid.

**Kentucky Wonder Wax—Yellow Pod**—The best pole wax bean for northern planting. It is similar in habit of growth to "Kentucky Green Pod" and bears as early, or when about as high as the average bush bean. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width; make delicious eating. Pkt. 5c, ½ lb. 25c, 1b. 45c, 2 lbs. 80c, postpaid.

**Scarlet Runner**—An English bean of great merit; very tender and sweet; also grown as ornamental flowering vine for trellises. Pkt. 5c, ½ lb. 25c, 1b. 45c, 2 lbs. 80c, postpaid.



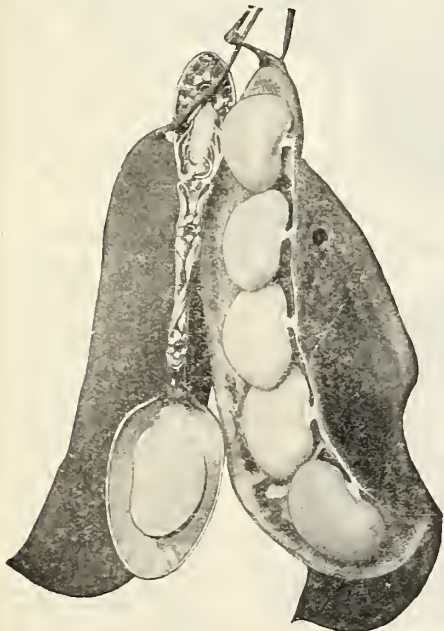
Kentucky Wonder or Old Homestead

## BEANS---BUSH LIMA

Two pounds will plant 100 feet of row.

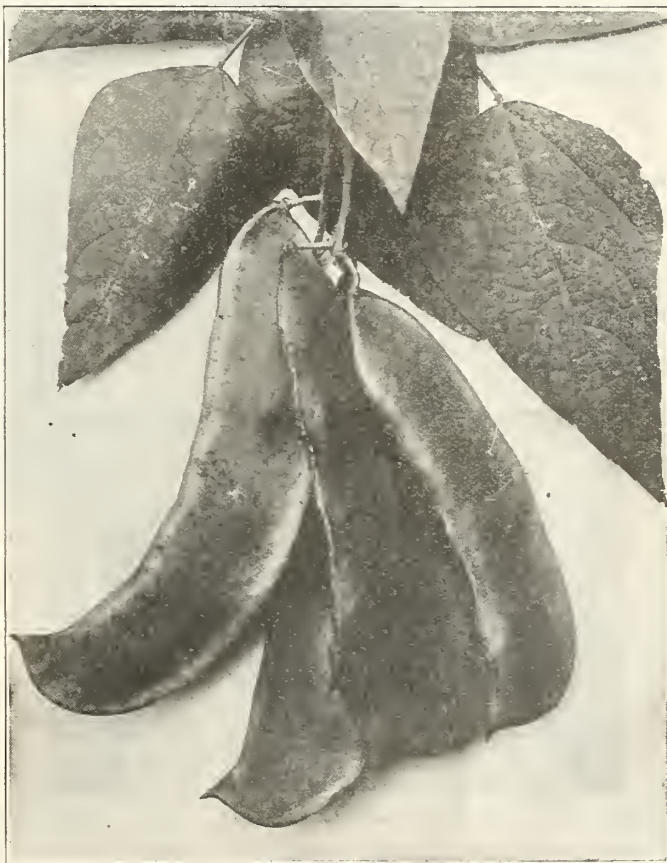
Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They should be sown on well enriched land, with the rows 2½ feet apart, dropping the beans six inches apart in the row, eye down. Unless the Beans are placed "eye down" the young plants find it most difficult to push through the soil. Frequently the neck of the seedling is broken in the attempt which of course stands for loss of the plant. In light soil, cover about one inch deep, less on heavier soils. A good fertilizer applied at the rate of 20 pounds to every hundred feet of row, when the plants begin to bloom, will materially increase the yields. Hill plants slightly early in the season to hold the pods off the ground.

**Burpee's Bush Lima**—Early, large and productive. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. Pkt. 5c, ½ lb. 25c, 1b. 45c, 2 lbs. 80c, postpaid.



Henderson's Bush Lima

**Henderson's Bush Lima**—This variety belongs to the class of Small Lima's, also known as Carolina or Sieva Lima Beans. On account of their hardiness they are worth growing in the North, where they will mature early and produce an enormous crop. A week earlier than Burpee's Bush Lima and the flavor of the beans is delicious and sweet. The plants are of true bush growth and bear tremendously, each pod being filled with three or four of the small, flat light green beans. When mature, the beans are practically white and keep well for winter shell beans. Pkt. 5c, ½ lb. 25c, 1 lb. 40c, 2 lbs. 75c, postpaid.



Burpee's Bush Lima

**English or Broad Windsor**—This bean is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and 2 inches deep in drills three feet apart, to insure well filled pods, pinch off the tops as soon as pods begin to set. 65 days. Pkt. 5c, ½ lb. 25c, 1b. 40c, 2 lbs. 75c, postpaid.

WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US



INOCULATE THIS  
SEED WITH  
STIMUGERM

# TABLE BEETS

INOCULATE THIS  
SEED WITH  
STIMUGERM

EAT WHEN YOUNG DIRECT FROM YOUR OWN GARDEN

Ger.—Rube.

Scand.—Rodebode.

**HOW TO PLANT**—The soil should be rich and deeply plowed, say 8 to 10 inches. Sow in rows 14 to 20 inches apart and about 1 to 1½ inches deep. As soon as the plants have the fifth and sixth leaf, thin to one plant each 3 inches apart. If under irrigation, water as soon as thinned. Cultivate often and do not water again until absolutely necessary, as the soil will dry from the surface down and the top roots will follow. Careful tests have proven that one cultivation a week gives the best results. Keep clean and remember that cultivation is the next thing necessary after the best seeds and the two are necessary for success. (One ounce to 100 feet of drill, 5 to 6 lbs. per acre, in drills. 15 to 20 lbs. to the acre broadcast.)

**Crimson Globe**—Beets may come and Beets may go, but still the Crimson Globe retains its position as the best Beet for the market gardener, as well as for the private garden. It is very symmetrical, with small tap root, and but few fibrous roots, color outside is deep blood-red; inside layers of blood red, light grained and unsurpassed in quality. One sowing only is necessary to produce early beets for market and main crop for winter use. 45 days. Pkt. 5c, oz. 25c, ¼ lb. 45c, lb. \$1.25, postpaid.



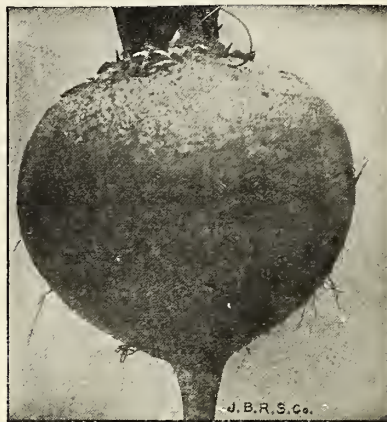
Beet—Crimson Globe

**Early Wonder**—(35 days)—This new variety is extremely early, deep red, tender and sweet. One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red, nearly globular-shaped root, small-sized top, and small, clean tap root, makes it desirable. Its attractive appearance, uniformity of size shape and color, and excellent keeping qualities have created a splendid demand for this sort. Grown very extensively for late fall sowing, as it matures two weeks earlier than any other desirable Beet. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. We urge that you give it a careful trial. Pkt. 5c, oz. 25c, ¼ lb. 50c, lb. \$1.35, postpaid.



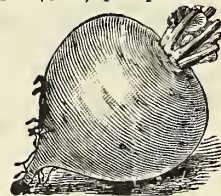
Beet—Early Wonder

WE HANDLE PLANET JR. SEEDERS AND CULTIVATORS,  
ALSO BARKER WEEDER, MULCHER AND CULTIVATOR  
SEE LAST PAGES



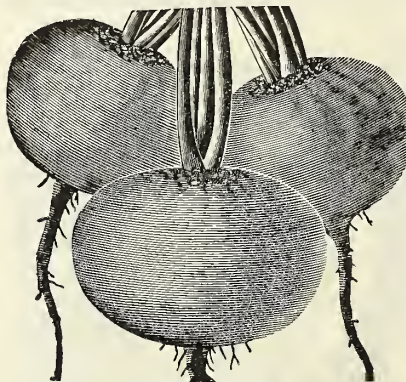
Beet—Detroit Dark Red Turnip

**Detroit Dark Red Turnip**—The roots are globular or ovoid. They are smooth and have but little tops. The skin is blood-red and the flesh dark red lined with a lighter shade. The flesh is tender and the flavor decidedly sweet. A popular favorite for canning because of its extra deep dark red color. 50 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



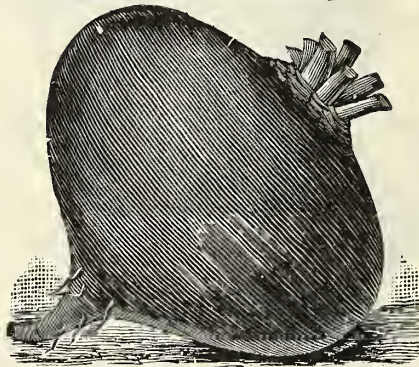
Early Eclipse

**Early Eclipse**—An early beet especially desirable for the home garden and used for bunching. The tops are small. The roots are bright deep red, smooth, round or slightly top shaped with a small top and small collar. The flesh is bright red, zoned with pinkish white, very sweet, crisp and tender, especially when young. 45 days. Pkt. 5c, oz. 20c, ¼ lb. 35c, lb. \$1.00, postpaid.



Beet—Early Blood Turnip

**Early Blood Turnip**—An extra selected stock of blood turnip, having larger, coarser tops and root than Detroit Dark Red and requiring a longer time to mature. The roots are dark red and nearly round or slightly flattened. The flesh is deep red, zoned with lighter shade, sweet, crisp and tender. This is an excellent market and home garden sort for summer and autumn use. 50 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Beet—Extra Early Egyptian

**Extra Early Egyptian**—This is the best variety for forcing. It is also excellent for first early crop outdoors, being very early with small tops. The leaves are dark green shaded and veined with dark red. The roots are very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom and about two inches in diameter when mature. The flesh is dark purplish red, zoned lighter shade; firm, crisp and tender. 40 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

**Half Long Blood**—An excellent main crop beet. A great favorite as a table or field sort. Roots deep red in color and always symmetrical and smooth. In quality it is sweet, crisp and tender, and is an enormous cropper and a reliable winter keeper. It is a heavy beet without being hard to pull. It never becomes woody and is always good for table use or stock food, whether pulled young or old. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.35, postpaid.

TWENTY DAHLIAS, ALL DIFFERENT, POSTPAID \$5.00



**OUR LITTLE PRUNING BOOK**

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 40c.

**SUGAR BEETS**

FOR SUGAR MAKING

5 to 6 pounds per acre in drills. 15 to 20 pounds per acre broadcast.

Sugar Beets are not as heavy yielders as the Mangels but are of superior quality containing a larger amount of sugar. They are excellent for feeding cows, improving wonderfully the quantity and quality of the milk. Sugar Beets require deep, well enriched soil. The seed should be sown in drills 2 to 2½ feet apart, and covered 1 to 1½ inches deep, any time during April May or June. Thin the plants carefully to stand 8 inches apart in the row. They are easily stored in outdoor pits, covered with straw and soil. These and Mangels can be profitably grown on grain lands where summer fallowing is practiced. Any crop such as Beans, Corn, Beets, etc. which require cultivation, keeps the weeds down and leave the soil in better condition to produce the grain to follow.



Sugar Beet  
Klein's Wanzlebener

**Klein's Wanzlebener**—Has rather long slender root, very rich in sugar; will yield under average conditions, 16 tons to the acre. All stock men know that sugar makes fat, and will realize its value as a stock food. 80 days Pkt. 5c, ¼ lb. 25c, lb. 60c, 10 lbs. \$5.25, postpaid.

**Vilmorin's Improved**—This French variety is popular with sugar beet growers; contains a large percentage of sugar and requires less water than others. 80 days Pkt. 5c, ¼ lb. 25c, lb. 60c, 10 lbs. \$5.25, postpaid.

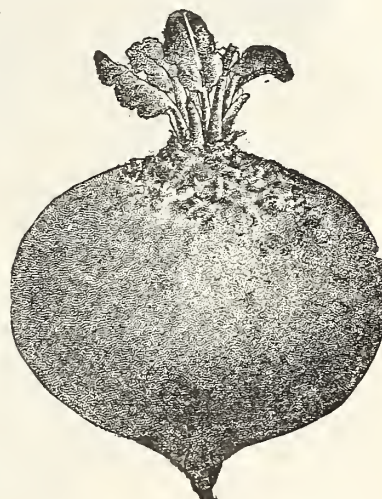
**HALF SUGAR AND HALF MANGEL**

For Stock Feeding

The ground should be thoroughly prepared and made firm and mellow, same as for Mangels, Seeding and cultivation should be continued in much the same manner except that they should be thinned out 6 to 8 inches in the row. The Giant Feeding Sugar Beets or Half Sugar Mangels are especially valuable for feeding stock as they give a feed of much greater nutritive value than Mangels.

**Giant Feeding or Half Sugar White Mangel**—The most valuable of all for stock feeding, very heavy yielder, the favorite with stock feeders, very easily pulled, growing half out of the ground. White flesh, green top. Pkt. 5c, ¼ lb. 25c, lb. 65c, 10 lbs. \$6.00, postpaid.

**Giant Feeding or Half Sugar Rose Mangel**—A magnificent sort, growing at least half out of the ground, rendering the crop easy to gather. Skin of the upper part is rose colored, and the lower part white. Flesh white, rose top. Pkt. 5c, ¼ lb. 25c, lb. 65c, 10 lbs. \$6.00, postpaid.



Mangel Wurzel—Yellow Globe

**MANGEL WURZEL**

5 or 6 lbs. to the acre

An ever increasing acreage is being planted for stock feeding purposes, because of the wonderful results obtained from feeding them. Root crops are a great necessity for all kinds of stock, also chickens. Root feeding not only gives high class tissue building substance to the body, but acts as a tonic, keeping the digestive organs in a healthy condition. Root crops should be regularly fed to all stock. Results will show not only in appearance, but also in their increased weight, and in dairy stock will enrich and increase the flow of milk. The ground should be thoroughly prepared, and made firm and mellow. Sow in April and May in drills 2 to 3 feet apart. When 4 to 5 inches high thin to 12 to 15 inches apart. Harvest before frost and cut the tops off; by so doing danger of heating is avoided. Store in pits or cellars. A trial will convince you of their value.



Mangel Wurzel—Mammoth Long Red

FOR SEED POTATOES  
SEE  
FIELD SEED SECTION

SWEET PEA  
NOVELTIES  
SEE PAGES 69-72

**THE FOUR BEST MANGELS FOR MONTANA**

**Mammoth Long Red**—This variety has produced the largest yield of any kind of mangel at the field trials held at Cornell University. The quality of the roots for feeding is high. The roots grow very large and keep well. They are quite long, light red in color and grow well out of the ground so are easily harvested. Pkt. 5c, ¼ lb. 25c, lb. 60c, 10 lbs. \$5.25, postpaid.

**Danish Sludstrup**—Is considered the best of all Mangels, having been awarded first class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above the ground and is easily pulled. Pkt. 5c, ¼ lb. 25c, lb. 60c, 10 lbs. \$5.25, postpaid.

**Golden Tankard**—A distinct variety, particularly valuable on account of its richness in saccharine matter, and highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. The flesh, which is of a distinct deep yellow, is very sweet and tender. The large roots are oval in shape, and therefore will pull easier. 90 days. Pkt. 5c, ¼ lb. 25c, lb. 60c, 10 lbs. \$5.25, postpaid.

**Yellow Globe**—An especially good variety to grow if one has a limited supply of water; a great favorite for dairymen, making a wonderful increase in milk; easy to pull and harvest; tops are small. 85 days. Pkt. 5c, ¼ lb. 25c, lb. 70c, 10 lbs. \$6.25, postpaid.

**GROW MANGELS FOR POULTRY FEEDING**

Mangels are as good for poultry feeding as for stock, and should be fed regularly in winter, when no other green feed is available. Mangels help furnish a balanced ration, and keep the hens healthy, stimulating the production of eggs, just when prices are highest. They cost but little, in money and labor, and often yield 15 to 20 tons of succulent roots per acre.

Chop or cut the roots and green tops, and feed with grain, at the rate of 25 lbs. for 100 hens per day.

Write for Price on 25 lb. Lots and Larger Quantities.

Our Fruit Tree and Shelterbelt Collections will save you money.



**SWISS CHARD**

Ger.—Briskohl. 2 oz. to 100 feet of drill. Scand.—Bladbed.  
Use Leaves and Leaf-Stalks Only as "Greens"

**SWISS CHARD—LUCULLUS**—(Or Sea Kale Beet)—is a delicious vegetable that can be very easily grown. Europeans value it very highly, and it is rapidly growing in favor among Americans. Swiss Chard is used extensively either as greens or in the same manner as Asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to ten or twelve inches apart and cultivate the same as for the common Red Beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly. 30 days. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 50c, lb. \$1.25, postpaid.

**BRUSSELS SPROUTS**

Ger.—Rosenkohl.

Scand.—Rosenkaal.



Brussels Sprouts

**BRUSSELS SPROUTS**—Species of cabbage, cultivation the same. One ounce will grow a bed 40 square feet and produce about 3000 plants. This is a delicious vegetable, superior to either Broccoli or Spinach. The cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hot beds in March or April, and in the open ground in May; cultivate same as Broccoli.

**Improved Half Dwarf**—An improved variety growing about 20 inches high; produces sprouts in abundance, cut out head of plant when sprouts have formed. 125 days. Pkt. 5c, oz. 40c,  $\frac{1}{4}$  lb. \$1.35, postpaid.

**CHICORY**

**Witloof, or "French Endive"**—Seed sown in May or June produces roots which, when taken up and placed in sand in a warm dark place, throw out tender white sprouts which are used as salad. These sprouts are often called "French Endive." Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.

**CABBAGE**

One ounce will produce 3,000 plants; one-quarter pound will produce plants for one acre.  $\frac{1}{4}$  oz. to 100 feet of drill.

The soil should be deep and rich. For early crop grow plants in hot beds, transplanting to cold frames and then as early as possible after danger of freezing to the open ground. Cultivate often and keep well watered if under irrigation. For late crops sow seed in open ground and transplant, or some succeed well by sowing seeds in hills where wanted and thinning to one. This avoids the necessity of waiting for a damp time to transplant.

**Extra Early Varieties**

**Early Jersey Wakefield** has been for many years one of the leading early Cabbage in America. The main difficulty has been to get a perfectly satisfactory and reliable strain of seed. Buyers will find Early Jersey Wakefield the genuine article. It has few outer leaves, and in compactness and regularity cannot be surpassed. The thick stout leaves and compact habit make it the best sort for very early setting. It frequently matures inside of 100 days from sowing. 80 days. Pkt. 5c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.25, postpaid.



Cabbage—Earliest of All

**Earliest of All**—Is the earliest hard heading cabbage in cultivation. Earliest of all, combines earliness with solidity, good size, delicious flavor, tenderness and productiveness. We claim that it is the earliest cabbage in cultivation. It has produced fine marketable heads in 70 days from the sowing of the seed, very compact with few outer leaves, permitting close planting. It is a great money maker for the market gardeners and valuable for the home garden. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

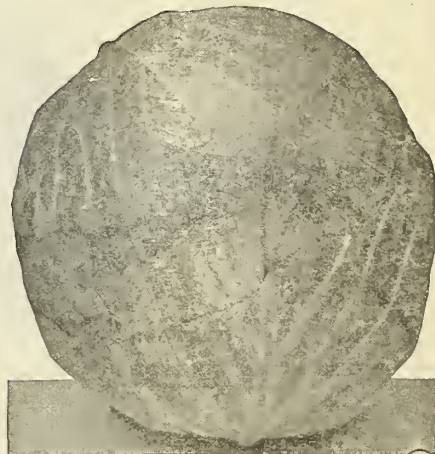


Cabbage—Early Winnigstadt

**Early Winnigstadt**—This is another old and famous type of early Cabbage but as in the case of Wakefield, the main difficulty is to get a strain of seed representing the highest grade of excellence. Such a strain will be found in our Winnigstadt. It is almost as early as Wakefield. It is a sure header, even where other sorts may fail and seems to be less liable to the attacks of Cabbage worm than many other varieties. 90 days. Pkt. 5c,  $\frac{1}{2}$  oz. 20c, oz. 30c,  $\frac{1}{4}$  lb. 90c, lb. \$3.00, postpaid.

**OUR LITTLE PRUNING BOOK**

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each postpaid, 40c.



Cabbage—Copenhagen Market

**Copenhagen Market**—A new early variety, which is very popular with market gardeners. It is the finest large, round-headed early Cabbage in cultivation. It is further desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid and with small core. The quality is extra fine and sweet. It matures as early as the Wakefield and will yield more to the acre in weight. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer shaped and tightly folded, making it possible to set them close together in the field. 85 days. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.15, lb. \$4.00, postpaid.

Before mailing your order check over our Peony and Dahlia Collections



Onion—  
Mountain  
Danvers  
10¢



Lettuce—  
May King  
Pkt. 10¢



Carrot—  
Pride of  
Denmark  
Pkt. 10¢



Peas—  
Little Gem  
Pkt. 5¢



Beans—  
Golden  
Wax  
Pkt. 5¢

Radish—  
White Icicle  
Pkt. 5¢



Tomato—  
Market King  
Pkt.  
25¢



Beet—  
Early Eclipse  
Pkt. 5¢



## Montana Collection

ONE PACKET EACH  
OF THE ABOVE VARIETIES

Value 85c

WILL BE MAILED TO ANY  
ADDRESS POSTPAID

For 75c

Radish—Extra  
Early SAXA  
Pkt. 10¢







1  
*Amethyst*



2  
*Queen  
Erimson*



3  
*Fair Maid*



4  
*Sweet Lavender*

**S.N. & S. Cos.**  
**Early Flowering**  
**Sweet Peas**

See Page 70



5  
*Grenadier*



6  
*New Blue*



7  
*Rose Dore*



8  
*All White*

**State Nursery & Seed Company's Collection of**  
**EIGHT EARLY FLOWERING SWEET PEAS**

The Early or Winter Flowering Type of Sweet Peas are most valuable for our Northern States. They are found everywhere growing in greenhouses during the winter and are of value in our Southern states. A very acceptable gift. The collection contains the following eight varieties:

1. **AMETHYST.** Rich warm purple.
2. **AVIATOR.** Finest large sized orange-scarlet flower.
3. **FAIR MAID.** Blush pink on a white ground.
4. **SWEET LAVENDER.** Beautiful shade of lavender.

5. **GRENADIER.** Rich poppy scarlet.
6. **NEW BLUE.** A charming shade of true blue.
7. **ROSE DORE.** Rose suffused gold, with orange shading.
8. **ALL WHITE.** Large waved pure white.

ONE PACKET EACH of these Eight Fine Early Flowering Sweet Peas, value \$1.35, will be sent postpaid to any address for **\$1.15**

ONE-HALF OUNCE EACH of these Eight Fine Early Flowering Sweet Peas, value \$3.50, will be sent postpaid to any address for **\$2.75**



**Glory of Enkhuizen**—The earliest and largest white Cabbage—attractive for market purposes. Solid with large ball shaped heads, thin-ribbed and hard, few outside leaves; exceedingly tender. Is a dwarf and compact grower; allowing close planting; will yield more tons per acre than any other variety, 90 days. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. 90c, lb. \$2.50 postpaid.

### Second Early Variety



Cabbage—Early Summer

**Early Summer**—A reliable second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field, and is a good keeper. This variety, maturing so soon after the pointed head sorts, is exceedingly valuable for growing as a second crop, and as it is suited to all sections it is very largely grown. 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. 90c, lb. \$2.50, postpaid.

### Late or Winter Varieties



Cabbage—Large Late Flat Dutch

**Large Late Flat Dutch**—A low growing variety, heads large, bluish green, round solid broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header. 120 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.25, postpaid.



Cabbage—Hollander or Danish Ballhead

**Hollander or Danish Ball Head**—Very hardy, handsome, very solid, of fine quality. Plant vigorous, compact growing, with longer stem than most sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whiteish bloom. Heads medium sized, round very solid, and stands shipment better than any other late sort. 120 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.10, lb. \$3.00, postpaid.

### HAMMOND'S SLUG SHOT

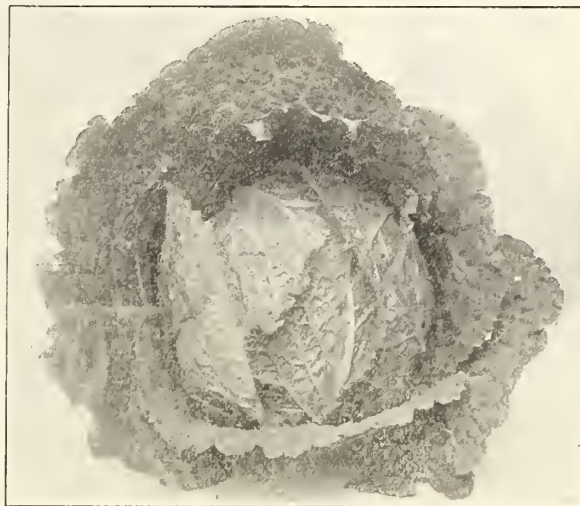
KILLS CABBAGE AND CAULIFLOWER WORMS  
SEE INSECTICIDES

OUR NEW SWEET PEA COLLECTIONS WILL SURPRISE YOU

**Danish Roundhead—(Short Stem)**—This is an improved form of the Danish Ballhead, and will average more in weight per head than the old parent type. Shorter stemmed, very vigorous and has developed a wonderful capacity for withstanding hot sun. Inside leaves blanch white, very solid, and exceedingly crisp and tender. 115 days. Pkt. 10c, ½ oz. 25c, oz. 35c, ¼ lb. \$1.10, lb. \$3.00, postpaid.

**Surehead**—One of the most reliable main crop of late cabbage for northern latitudes, being very hardy and exceptionally sure heading. The heads are large and broad, thick, somewhat flattened, compact, very solid and of excellent quality. 120 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. 90c, lb. \$2.50, postpaid.

**Red Rock**—This is the largest variety of Red Cabbage, and produces heads which are remarkably solid, more so than any other kind. The heads, which are round, with spreading outer leaves mature at a late season, and on account of their solidity will keep well for a long time. It is the best and most attractive Red Cabbage grown. Fine for pickling. 120 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. 90c, lb. \$2.50, postpaid.



Cabbage—Drumhead Savoy

**Drumhead Savoy**—The plants are vigorous, of medium size, with rather short stem and are very sure heading. The outer leaves are medium large, thick, fleshy and densely and uniformly crumpled; the heads are large, nearly round, fairly solid, sweet and tender. 110 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.10, lb. \$3.50, postpaid.



Chinese Pe Tsai or Celery Cabbage  
Blanched Head

**Chinese Pe Tsai or Celery Cabbage**—This Chinese introduction is really of great merit, growing somewhat like the Cos Lettuce. Boiled and seasoned with butter, it makes a most delectable dish, and is also a splendid base for salads. Sow rather later than ordinary Cabbage—as too early sowings have a tendency to run to seed too quickly. 75 days. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.15, lb. \$3.50, postpaid.

### OUR LITTLE PRUNING BOOK

Clear and concise  
methods of pruning  
fruit trees, small  
fruits, trees, hedges,  
vines, roses, etc. Each  
postpaid, 40c.

### BOOKS ON HORTICULTURE

On page 139 we list  
a carefully selected  
list of the best books  
on horticulture and  
kindred subjects. The  
prices given include  
postage.



## CARROT

Ger.—Moehre.

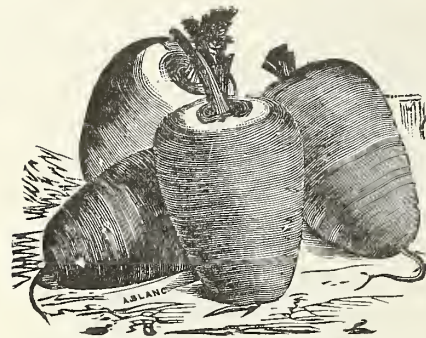
Scand.—Gulrod.

(One ounce to 100 feet of drill; 3 to 4 pounds to the acre.)

Good sandy loam is best adapted for Carrots of all varieties. The shorter varieties, however, can be sown on heavier soil with good results.

**Early French Forcing or Golden Ball**—This Carrot is one of quick growth, for it matures as quickly as a radish. It has a very fine neck and a rather hollow crown. We highly recommend it to all our customers who desire a small, early, delicious Carrot that will mature early, but must be sown in rich soil. 50 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

**Early Scarlet Horn**—May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 2 inches long; reddish orange and good flavor. May be grown either in frames or in the open ground. This Carrot is at its very best while young and should be used before it has attained its full growth. 55 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.35, postpaid.



Carrot—Oxheart or Guerande

**Oxheart or Guerande**

— Medium early, bright orange color, fine grained and sweet, one of the best table varieties. Can be pulled by hand; well suited to heavy soils, but will thrive equally well in other situations. 70 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.25, postpaid.

**Early Chantenay or Model**

— A most excellent, medium early, half long variety. It is one of the best and also a desirable field sort. The tops are medium sized with small neck. The roots are thick, six inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. The flesh is very crisp and tender. Variety is extensively used for bunching. 65 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

**Danvers Half Long**—A standard variety and one of the heaviest croppers. Color dark orange, very thick shoulder, of a most excellent quality. Length 8 to 10 inches. 75 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.25, postpaid.

**Improved Long Orange**—This is a variety of the largest size. The roots are uniform in size and form, smooth, and free from small rootlets, penetrating the soil very deeply. Of gradually tapering shape, holding their thickness well throughout the length; rich, deep orange coloring. It is a good keeper of fine quality for winter use. 80 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.35, postpaid.

**Pride of Denmark**—A cross between the two well-known varieties, Nantes and Chantenay, this introduction unites the good qualities of both. **Pride of Denmark** is an admirable carrot for storing and shipping, holding to a remarkable degree its fine flavor, tenderness and crispness. The long obtuse, cylindrical roots are absolutely smooth, of a beautiful scarlet color and best of all, are practically coreless. As the carrots reach a good size (6 to 8 inches), your soil should be thoroughly prepared. Order early as this carrot has already won marks of distinction, and the seed is going to be much in demand this year. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 90c, lb. \$3.25, postpaid.

## CARROTS FOR STOCK

## The Two Best Varieties

**Victoria**—There can be only one best stock Carrot, and we think our Mastodon is that Carrot, yet there are many who prefer a yellow Carrot. We can say that there is no yellow Carrot which can approach the Victoria in size, in yield and in feeding qualities. It is the largest and best form of orange or yellow Carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but is especially adapted for rich, strong land. It grows nearly half as much weight again an acre as the ordinary varieties, and as the roots grow more above the ground it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. 90 days. Oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. 85c, 10 lbs. \$8.00, postpaid.

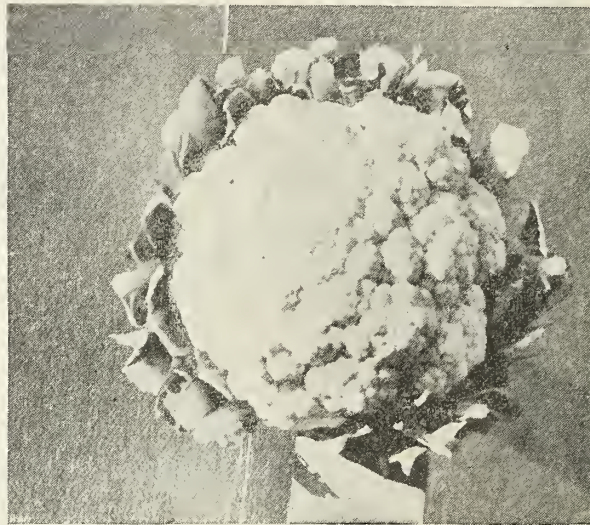
**Mastodon**—It is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts which have been favorites in the past, it is much more productive. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature, is that they do not easily break in pulling. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 18 to 40 tons to the acre is not an extravagant statement as to yield. 90 days. Oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. 85c, 10 lbs. \$8.00, postpaid.

## CAULIFLOWER

(One ounce for 3,000 plants)

 $\frac{1}{4}$  ounce to 100 feet of drill. Two ounces to the acre.

**Culture**—Cauliflower is a gross feeder, and well repays heavy manuring and high culture. It succeeds best on well drained soil. For spring crop, plant the seed in protected beds early in February and the plants will be ready to transplant probably early in April. The young plants should be thinned, since they become very spindly if allowed to grow too thick in seed bed. Plant in rows two feet apart—eighteen inches in the row.



Cauliflower—Early Snowball

**Early Snowball**—Is the best all-round Cauliflower on the market for early or late use, for the family or the market garden. It heads where others fail. Its close and compact habit of growth permits one-third more to be planted on the same space of ground than can be done with other varieties. 90 days. Pkt. 25c,  $\frac{1}{4}$  oz. 85c, oz. \$2.80,  $\frac{1}{4}$  lb. \$8.50, postpaid.

**Dry Weather or Danish Giant**—Is more resistant to unfavorable season than other sorts, particularly in dry weather. 100 days. Pkt. 15c,  $\frac{1}{4}$  oz. \$1.00, oz. \$3.00,  $\frac{1}{4}$  lb. \$9.00, postpaid.

**Extra Early Snowball or Danish Perfection**—This new strain introduced by one of the leading Cauliflower seed growers of Denmark, possesses all the good qualities of the best Early Snowball strains and in addition has shown an unusual uniformity in maturing, the crops being taken off clean at practically the first cutting. The leaves, very closely enfolding the head, give it a particularly attractive appearance when displayed for sale, and as the inner leaves almost cover the snowwhite flower the necessary early tying up as in the case of other early sorts is largely avoided. It is the earliest strain of its type and recommended for extra early marketing. 80 days. Pkt. 15c,  $\frac{1}{4}$  oz. \$1.00, oz. \$3.50,  $\frac{1}{4}$  lb. \$10.00, postpaid.

## CELERIAC

Ger.—Knoller Sellerie.

Scand.—Knopselleri.

**Giant Smooth Prague**—This vegetable is used for two purposes; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad. 125 days. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 80c, lb. \$2.50, postpaid.



Celeriac—Giant Prague

Make Your Garden  
a Wonder Garden  
Use Stim-U-plant

State Nursery & Seed Co.  
Helena, Montana  
Gentlemen:—

Columbia Falls, Mont.  
Dec. 6, 1928

I had several entries in the Flathead County Fair this September and won first prize on table carrots, (runts), last of a crop raised from your "Early Chantenay" seed. They were so inferior to others I had sold I debated whether to send them or not. They were raised with little care and many weeds on a very light sandy soil.

Yours truly,  
Harold Ridenour.

Our Fruit Tree and Shelterbelt Collections will save you money.



CELERY

Ger. Sellerie. Scand.—Selleri.

(One ounce will produce 7,000 plants.)

( $\frac{1}{4}$  ounce to 100 feet of row. Two ounces to Acre.)

Sow seeds in a hot bed or cold frame. As soon as the plants are about 3 inches high, transplant to a nicely prepared bed setting them 4 to 5 inches apart. When some 8 inches high, and the plants stocky, set them in trenches. Earth up a little during the summer keeping the leaf stocks close together so that the soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up in moist weather. Keep the seed bed moist to insure quick germination and vigorous growth.



Celery—Golden Plume or Wonderful

Golden Plume or Wonderful—A new type of Golden Self Blanching with wider leaves and thicker stems. A great improvement over all other yellow varieties. It is somewhat earlier than Dwarf Golden Self Blanching and is more easily blanched to a beautiful, clear, creamy white. The plant is stout and stocky and a full heart. A vigorous grower, resistant to disease and unequalled for home garden, local market, and long distance shipments. Pkt. 25c,  $\frac{1}{2}$  oz. \$1.15, oz. \$2.50,  $\frac{1}{4}$  lb. \$6.00, postpaid.

Golden Self Blanching—A remarkable early sort, entirely self-blanching, with beautiful large golden yellow heart, crisp, solid and of a nutty flavor. 110 days. Pkt. 25c,  $\frac{1}{2}$  oz. 65c, oz. \$1.25,  $\frac{1}{4}$  lb. \$4.00, lb. \$15.00, postpaid.

Easy Blanching—The most valuable celery introduced in many years, with a remarkable natural tendency to blanch readily. Those who have never been successful in growing good celery can depend on this variety. Valuable both for early use and for its winter keeping qualities. Of very quick growth, thick stalks, very tender and brittle, and rich flavor. Its unusually long season for use appeal to the home gardener as well as the commercial grower. 115 days. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 50c,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50, postpaid.





Easy Blanching

Winter Queen—Unsurpassed for Winter Use—Probably the most desirable winter keeping celery. It is short, stout, thick and heavy, with double the amount of heart of any other celery, a habit of growth which give it truly remarkable value. The flavor is sweet, nutty and delicious, leaving nothing to be desired. It bunches up handsomely. The leaves are light green, and blanch to a cream white. Matures its crop in 140 days. Pkt. 5c,  $\frac{1}{2}$  oz. 20c, oz. 30c,  $\frac{1}{4}$  lb. 90c, lb. \$2.50, postpaid.

Celery Seed—For Flavoring—Excellent to use for flavoring soups, pickles, etc.  $\frac{1}{4}$  lb. 20c, lb. 60c, postpaid.

The Largest Ribbed Celery in Cultivation



Celery—White Plume

Celery—Winter Queen

White Plume—This magnificent celery is improving from year to year under high culture and careful selection. It is a truly beautiful type. Not only does the stem whiten, but the leaf itself, especially every inner leaf assumes the attractive white color. This makes the White Plume Celery one of the most showy ornaments that can be put upon the Thanksgiving or Christmas dinner table. As to succulence, crispness and quality, the Perfected White Plume is all that can be desired of a white celery. Fit to eat in 110 days. Pkt. 5c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.00, postpaid.

To Succeed with Celery you must keep your plants growing constantly while young, if you allow them to "stand still" they will run up to seed later. Always cultivate as soon after watering as the ground is dry enough to work well. Fertilize heavily in the Spring—and use nitrate of soda later if needed.

CHERVIL

(One ounce to 100 feet of row.)

CHERVIL—(Curled)—An aromatic herb. The young leaves are used in soups and salads. Pkt. 5c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25, postpaid.

CHIVES—Snittlauch


(See Also Vegetable Plants)

Chives—A vegetable of the Onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root or sowing of seed. The chives are equal to the Onion for flavoring soups and salads. Pkt. 10c,  $\frac{1}{2}$  oz. 40c, oz. 75c,  $\frac{1}{4}$  lb. \$2.00, postpaid.

CORN SALAD

Ger.—Feldsalat. Scand.—Vaarsalat.

Two oz. to 100 feet of drill.



Corn Salad

CORN SALAD—(Or Fetticus)—A salad plant used as a substitute for Lettuce in salads or may be cooked like spinach for greens. It does well in the fall and spring. On rich soil the leaves renew rapidly after being cut. 55 days. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

CRESS

Ger.—Garten-Kresse. Scand.—Karse.

CRESS, OR PEPPER GRASS—This salad is much used with Lettuce to the flavor of which its warm pungent taste makes an agreeable addition. 30 days. Pkt. 5c,  $\frac{1}{2}$  oz. 10c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. 85c, postpaid.

CRESS—(Water)—Hardy perennial aquatic plant; sow seed along water's edge, preferably near running springs. 45 days. Pkt. 10c,  $\frac{1}{2}$  oz. 35c, oz. 60c,  $\frac{1}{4}$  lb. \$2.00, postpaid.

OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each 40c, postpaid.



**StimUplant**Makes a  
Wonder Garden

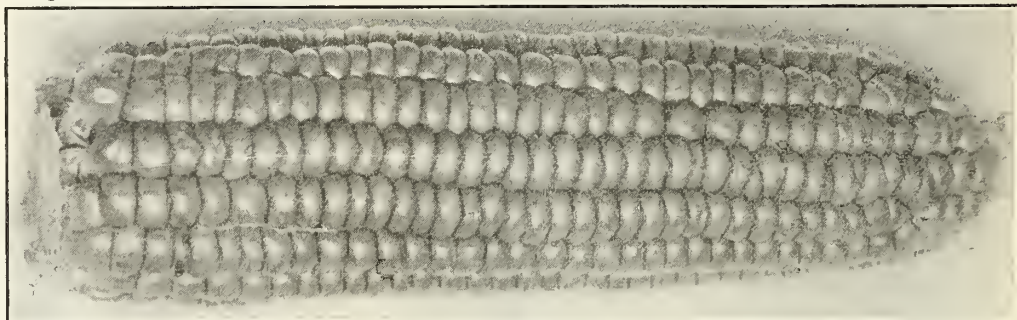
# CORN---Sweet or Sugar

**StimUplant**Makes a  
Wonder Garden

1 lb. for 100 hills or 150 to 200 feet of drill. 15 lbs. to acre. 1 lb. is a little more than a pint—2 lbs. a little more than a quart.

Sweet Corn is very sensitive to frost and should not be planted until danger from freezing is past or about the middle of May in Montana. A rich, warm good ordinary soil will raise excellent Sweet Corn, if it is deeply and thoroughly worked before planting. If planted in rows, make the rows three feet apart and 12 to 16 inches apart in the row; cover one inch deep with fine soil firmly pressed down. If planted in hills, make the hills three feet apart each way, and plant four to six kernels to the hill. Hoe frequently and when six inches high cut off all the suckers so as to leave three or four plants to the hill; do not let the plants overcrowd. Give frequent and thorough but shallow cultivation until the tassels appear. In cooking corn use boiling water, do not cover the vessel and do not cook more than ten minutes. "Use no salt"—A pinch of sugar will add to the natural sweetness.

(SEMESAN CONTROLS ROOT DISEASE—See Page 130)

**EXTRA EARLY VARIETIES**

**S. N. & S. Co's Golden Glory**  
Earliest and Hardest Sweet  
Corn in the World.

**Golden Glory**—A Montana grown Sweet Corn of high merit, growth about 5½ feet, producing 2 to 3 ears to the stalk, and considerably larger than the average Golden Bantam. The illustration is a good average specimen of a 12 row 8 inch ear. Sweet, creamy and tender, remaining in roasting ear stage a long time. With these qualifications and the knowledge that this wonderful corn can be grown to maturity wherever Golden Bantam has, we predict that it will be your first choice when making a selection of seed this season. In addition to its merits as a table Sweet Corn this variety is destined to be a popular variety on account of its extreme earliness which is ten days to two weeks earlier than the Golden Bantam.  
Price, Pkt. 10c, ¼ lb. 25c, ½ lb. 45c, 1 lb. 80c, 2 lbs. \$1.50, postpaid.

**Early Sunshine**—An outstanding new variety of yellow corn, of exceptional merit. It was originated at the North Dakota Agricultural College. The ears are bigger than those of Golden Bantam, are 16 rowed, and of deliciously rich flavor, light yellow in color. Sunshine is ready for use 6 to 10 days earlier than Bantam. The stalks are quite dwarf, with the ears set only 2½ to 3 feet from the ground, usually 2 ears to a stalk. Those who tried it last year are highly enthusiastic, and say it is real sweet corn.  
Pkt. 10c, ½ lb. 35c, 1 lb. 60c, 2 lbs. \$1.10.

**Early Sunshine****EARLY VARIETIES**

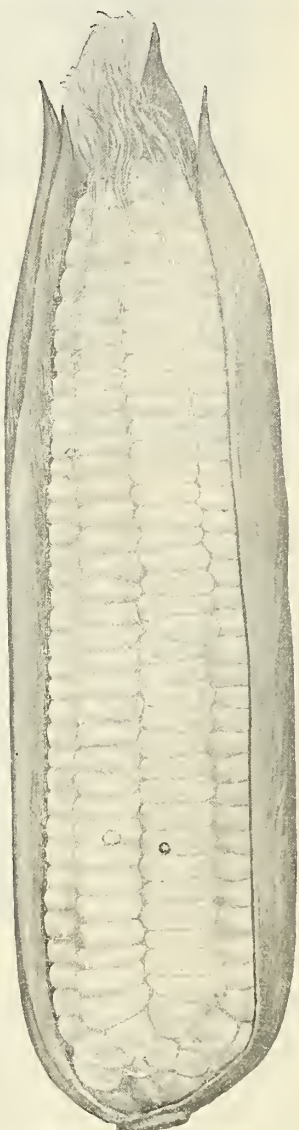
**Peep O'Day**—Five days earlier than the Golden Bantam. Peep O'Day Corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from 3 to 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the corn is exceedingly sweet and tender. 65 days. Pkt. 5c, ½ lb. 25c, 1 lb. 35c, 2 lbs. 65c, postpaid.

**Golden Bantam**—The well known variety people consider the richest and sweetest of all Corn. Some of our customers are now planting this corn at regular intervals during the season, so that they may have it for table use continually and prefer it to all other sorts. Ears medium size, thickly set with delicious yellow kernels. Golden Bantam has a flavor distinct from any other sort. A very early variety. 70 days. Pkt. 5c, ½ lb. 25c, 1 lb. 40c, 2 lbs. 75c, postpaid.

**SECOND EARLY VARIETIES**

**Mammoth White Cory**—We consider this one of the best second early varieties for the market and home garden. The ears are very large for so early a variety. The stalks are about four feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety. They are twelve rowed, six to seven inches long, very symmetrical and handsome, seldom with opening between the rows at the base. The grain is large, broad, very white and of remarkable good quality for such an early sort. 90 days. Pkt. 5c, ½ lb. 25c, 1 lb. 35c, 2 lbs. 60c, postpaid.

**Black Mexican**—The sweetest of all sweet corn. When cooked becomes white, with bluish tinge near kernel base. Often remembered only as the "black corn that was so very sweet." 75 days. Pkt. 5c, ½ lb. 25c, 1 lb. 35c, 2 lbs. 60c, postpaid.

**Early Market**

**NOTICE**—On Sweet Corn in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight, **NOT PREPAID.**

Before mailing your order check over our Peony and Dahlia Lists

**S. N. & S. Co's Golden Glory**

**S. N. & S. CO'S Early Market**—Is a money-maker, one of the earliest and sweetest in cultivation. It is extremely hardy, withstanding cold, wet weather to a wonderful degree. Ears are of good size for so early a variety. Kernels pure white, sweet and tender. It is very productive for such an extra early sort, usually producing two to three ears to the stalk, we can highly recommend this variety for home use and as a market sort it is a moneymaker, especially adapted for planting in the northern states. Pkt. 10c, ½ lb. 40c, 1 lb. 70c, 2 lbs. \$1.30, postpaid.

**Pop Corn, Japanese Hulless**—Also known as Tom Thumb, Australian Hulless. Japanese Hulless is a dwarf-growing variety, a heavy yielder, and is ready for popping soon after it is husked. It has no hull or shell or hard center, is most tender, and of a delicious flavor when popped. You will not be without it if you give it a trial this year. The best all round variety. 140 days. Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, postpaid.

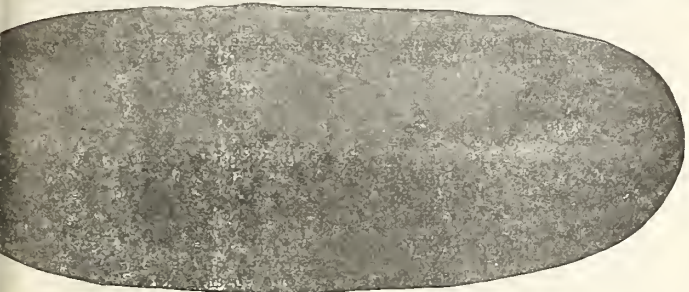


## CUCUMBER

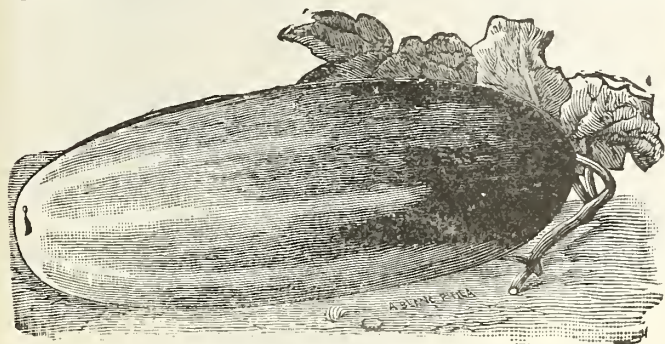
Ger.—Gurken.

Scand.—Haurk.

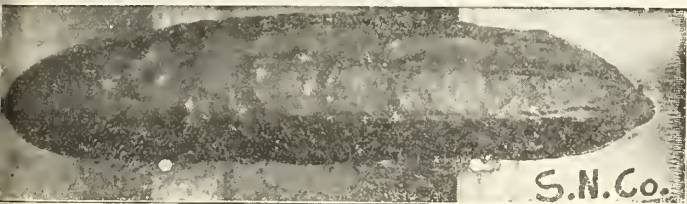
(One ounce will plant fifty hills; two lbs. to an acre.)

**Early White Spine**—Earliest of the White Spine varieties. Excellent for table use. 60 days. Pkt. 5c, oz. 25c, ¼ lb. 50c, lb. \$1.50, postpaid.

Cucumber—Earliest of All

**Earliest of All**—An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, a good, deep green. It is a week to ten days earlier than Extra Early White Spine, and because of its extreme earliness is a very desirable variety both for the home garden and those who grow for the market. 50 days. Pkt. 10c, oz. 25c, ¼ lb. 70c, lb. \$2.00, postpaid.**Japanese Climbing**—A strong and vigorous grower, and while all Cucumbers are running or creeping vines, this variety attains nearly twice the length of ordinary sorts and can be grown on trellises, fences or poles. The fruits from ten to twelve inches in length, are of excellent quality either for slicing or pickling. 65 days. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.25, postpaid.

Cucumber—Early Fortune

**Early Fortune**—This distinct variety is the finest yet introduced. The rich dark green fruits when matured at the slicing stage average 7½ to 8 inches in length and retain their color for a remarkably long time. The flesh is firm, with a small seed cavity, making it a good shipping and market sort. As a pickling sort it is equally as good, producing an enormous quantity of uniform well shaped pickles. The vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. 52 days. Pkt. 5c, oz. 25c, ¼ lb. 60c, lb. \$1.50, postpaid.**Davis Perfect**—Long and slender, average length 10 to 12 inches. Color very dark green, of fine flavor, very tender and brittle. A choice variety for forcing under glass or for outside culture. 60 days. Pkt. 5c, oz. 25c, ¼ lb. 65c, lb. \$2.00, postpaid.

Cucumber—Long Green

**Improved Long Green**—Not quite so early as the above named sorts, but admitted to be the best general crop Cucumber for this climate; good color, crisp and tender. 70 days. Pkt. 5c, oz. 25c, ¼ lb. 60c, lb. \$1.75, postpaid.**Lemon**—New and entirely different type of cucumber. Shaped and colored like a lemon with fine flavor. For slicing and salads they excel, having none of that bitter taste so often found in cucumbers. May be eaten green, but is at its best just as it is turning yellow. Makes excellent pickles. 55 days. Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00, postpaid.**Rollinson's Telegraph**—For forcing. Long green Cucumbers of excellent flavor, very tender and solid. We have grown this variety under glass to a length of 20 to 25 inches. Pkt. (10 seeds) 25c.

## Pickling Varieties

**Everbearing**—Small size, very early and enormously productive and valuable as a green pickler. It continues to flower and produce fruit until killed by frost whether the Cucumbers are picked off or not. Remarkably solid with very few seeds and of fine quality. Invariably of perfect form even when small. 65 days. Pkt. 5c, oz. 25c, ¼ lb. 60c, lb. \$1.50, postpaid.

Cucumber—Extra Early Green Prolific or Boston Pickling

**Extra Early Green Prolific or Boston Pickling**—The best pickling sort yet introduced. A very prolific variety used principally for pickles. Fruit medium sized, bright green, flesh firm and very crisp and tender. Gather the fruit when small and it will bear all summer. 65 days. Pkt. 5c, oz. 25c, ¼ lb. 60c, lb. \$1.50, postpaid.**Early Frame or Short Green**—A very productive variety having fruits of good length and handsome form. Desirable for producing pickles for medium size. Fine quality when sliced for table. 55 days. Pkt. 5c, oz. 25c, ¼ lb. 60c, lb. \$1.50, postpaid.**Early Russian**—Bright green crisp and tender flesh; excellent for table use or pickling. 55 days. Pkt. 5c, oz. 25c, ¼ lb. 60c, lb. \$1.50, postpaid.

## EGG PLANT

(½ oz. to 100 feet of row. ¼ lb. to acre)

One oz. will produce 1,000 to 1,500 plants.

**Improved New York**—This selection is vastly superior to the old type. The habit of the plant is low and branching, and is quite free from spines. 140 days. Pkt. 10c, ½ oz. 35c, oz. 65c, ¼ lb. \$2.00, postpaid.

Egg Plant—Improved New York

## ENDIVE

1 oz. to 100 feet of row. Four lbs. to acre.

Ger.—Endiven. Scand.—Endive.

**White Curled**—Leaves pale green; should be used when young. 35 days. Pkt. 5c, oz. 25c, ¼ lb. 45c, lb. \$1.25, postpaid.

Endive—Green Curled

**Green Curled**—For fall and largely used for winter use; also garnishing; crisp and curly; easily blanched. 40 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.**Broad Leaved Batavian or Escarolle**—A very wide leaved variety. Leaves with straight edges, thick and fleshy of a dull green color. Quality excellent. 45 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.**GOURDS**  
See Page 58  
**GROUND CHERRY**  
See Tomato Page 98

## GARLIC

Ger.—Knoblauch.

Scand.—Hoidloeg.  
(1 lb. to 50 feet of drill. 200 lbs. to acre).**GARLIC**—The Garlic is the most pungent of all the onion family. Plant in the spring six to eight inches apart, and in August the tops will die when the bulbs are ready to gather; they do best in light rich soil, cultivate same as onions.

Lb. 35c, 5 lbs. \$1.60, postpaid. Write for price on larger quantities.



Garlic

It will pay you to get acquainted with our Seed and Plant Collections.



## HERBS

**HERBS—(Sweet, Pot and Medicinal)**—The seeds should be sown in spring in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossoms develop, dried quickly and bottle, or closely packed in dry boxes, with the air entirely excluded. Those prefixed by an \* are perennials.

	Pkt.	Oz.		Pkt.	Oz.
Anise .....	.05	.30	*Horehound .....	.05	.50
*Balm .....	.05	.40	*Lavender .....	.05	.50
Basil .....	.05	.40	*Rue .....	.05	.50
Borage .....	.05	.35	Rosemary .....	.05	.50
Caraway .....	.05	.25	*Sage .....	.05	.40
Coriander .....	.05	.30	Sweet Marjoram .....	.05	.50
*Catnip .....	.05	.60	*Summer Savory .....	.05	.40
Dill .....	.05	.20	*Thyme .....	.05	.60
*Fennel .....	.05	.30	*Wormwood .....	.05	.30



Kale—Dwarf Curled Scotch

## KALE or BORECOLE

¼ oz. to 100 feet of row. 2 lbs. to the acre.

**Dwarf Curled Scotch**—Kale makes excellent greens for fall and are improved when slightly frosted. Cultivate same as Cabbage. Beautifully curled, very hardy. 55 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

**Tall Green Curled Scotch**—Always a favorite. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

Kohl Rabi  
White Vienna

## KOHL RABI

¼ oz. to 100 feet of row, 4 lbs. to acre.

Ger.—Kohl Rabi. Scand.—Kaalrabi.

**White Vienna**—Turnip rooted; small, white, very tender and delicious when young. 50 days. Pkt. 5c, oz. 30c, ¼ lb. 85c, lb. \$3.00, postpaid.

**Purple Vienna**—An early variety with a bright purple bulb. The leaves and stems being green and tinged with purple. 70 days. Pkt. 5c, oz. 30c, ¼ lb. 85c, lb. \$3.00, postpaid.



Leek—American Flag

## LEEK

Ger.—Lauch. Scand.—Purre.  
½ oz. to 100 feet of drill,  
4 lbs. to acre.

**American Flag**—A strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Leeks are hardy and flavor is improved by frost. 80 days. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.50, postpaid.

## LETTUCE

Ger.—Gartensalat.

Scand.—Salat.

¼ oz. to 100 feet of drill. 3 lbs. to the acre.

Every garden should grow lettuce. Dieticians advise eating some raw, green vegetable daily—salad of cabbage, endive, celery, lettuce, etc.—because of their content of iron or other mineral salts and especially for the essential vitamins—all of which are largely lost in cooking.

Among such vegetables, **LETTUCE** takes a high rank. Lettuce is the best of all salad crops, and a very appetizing and healthful food, especially during the warmer months. To have lettuce at its best, it must be fresh and unwilted. It is so easy to grow and requires such small space in the garden, that every family should have a plentiful supply throughout the season.

**LOOSE LEAF** seed, sown in rich soil in cold frame in March, can be cut (just above the center bud) in 45 to 60 days and will grow new leaves or can be moved to the open ground later at 8 to 12 inches in the row.

Varieties which **HEAD** should be started early and pricked out in the frame to get room and good root system. As soon as the ground is mellow, set in the open and encourage rapid growth by liberal feeding (nitrate of soda) and cultivation. Sow common sorts for a succession.



Lettuce—May King

## Heading Varieties

**May King**—A few years ago it was hardly known in America, now it is found in the gardens of nearly every up-to-date grower. It simply forced its way to the front on its sterling merits. It grows very quickly even in the cold weather of early spring. The habit is very compact and close; in fact the plant is about all head. Outer leaves light green, inner leaves bright yellow and of a fine, rich, buttery flavor. Heads weigh from 12 to 16 oz., and are so solid that they carry to market in perfect condition. 50 days. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$1.50, postpaid.

USE  
NAPHTHALENE  
FOR ALL  
SOIL PESTS  
SEE  
INSECTICIDES



Lettuce—Improved Hanson

**Improved Hanson**—A well known, highly approved lettuce. Globe shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. The outside leaves are glossy green and handsome, the inside ones are very tender and deliciously sweet, and all are beautifully crinkled and curled. For mid-summer planting outdoors, this sort is exceedingly popular, for it has superior qualities for resisting drought and heat. 50 days. Pkt. 5c, oz. 25c, ¼ lb. 60c, lb. \$1.50, postpaid.

## OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each 40c, postpaid.

EIGHT PERENNIALS, OUR SELECTION, POSTPAID \$2.00; TWELVE PERENNIALS, OUR SELECTION, POSTPAID \$2.75





Lettuce—Big Boston

**Big Boston**—The well known and popular hothouse variety of New England needs to be quickly grown to be of good flavor. Light green cabbage variety, slightly tinged with brown on the head. Forms a compact buttery head. 50 days. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

**California Cream Butter or Royal Cabbage**—A very popular variety for autumn and winter use. Forms a very large head, which is very buttery, and of rich golden-yellow inside. The leaves are thick and of bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety. 50 days. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

**Iceberg**—It is a very crisp variety, loose cabbage in heading, late and very slow to shoot to seed. The head is extremely hard and well blanching, the leaves very completely and tightly overlapping each other. The color is light green, excepting for the faint brown tinge along the extreme border. The quality is good, crisp and firm, very sweet. 75 days. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.00, postpaid.



Lettuce—New York

**New York Head**—Also Called "Los Angeles" and "Wonderful"—A popular variety for summer planting. The best heat resister. The immense heads are solid and frequently weigh 2 to 3 lbs each. Beautifully blanched to a creamy white with dark green outer leaves, quality unsurpassed, being tender, crisp and sweet. "New York" is a hardy, rapid grower, deep rooted and resistant to drought; a slow seeder and sure to head. Matures in 65 days. Does remarkably well in all sections. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 85c, lb. \$2.25, postpaid.

**Salamander or Black Seeded Tennisball**—The most popular variety for withstanding the hot weather, and forming a close sure head; very solid, of medium size and excellent quality. 85 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 40c, lb. \$1.35, postpaid.

## Loose Leaved Varieties



Lettuce—Grand Rapids

**Grand Rapids**—A popular variety for greenhouse planting and will make a quick growth under adverse conditions. Its upright habit permits close planting. 40 days. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 60c, lb. \$1.50, postpaid.

**Early Curled Simpson or Silesia (White Seeded)**—A very extensively used early loose leaved variety. The leaves are light green in color, slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when the plants are young. Does not wilt easily. 40 days. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 60c, lb. \$1.50, postpaid.

**Early Prize Head**—This lettuce forms a large, tender, crisp loose head of bright green crimped leaves tinged with brownish red, of superior flavor, long remaining sweet and slow to run to seed. 50 days. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 60c, lb. \$1.50, postpaid.

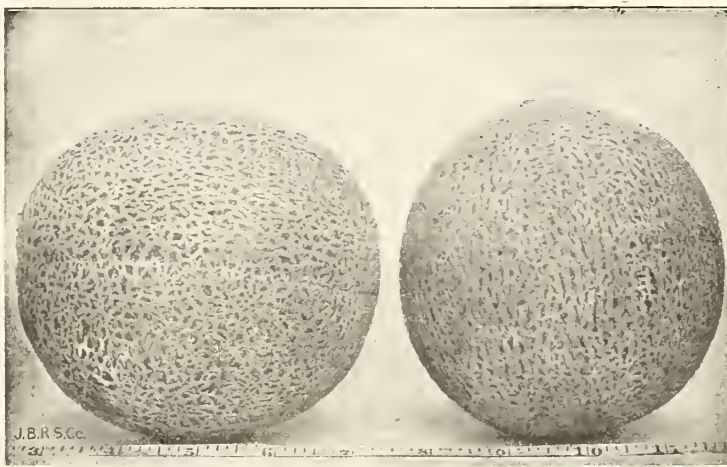
**Paris White Cos**—Distinct variety of upright growth; leaves should be tied together near top when they soon become crisp and delicious as celery stalks, and eaten in the same manner. 65 days. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

## MUSKMELONS

One ounce will plant about 50 hills, 2 to 3 lbs. in hills per acre.

**Culture**—A rich, deep sandy loam, well worked and highly manured with old rotten compost is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill, and after they are out of danger from bugs thin to 3 or 4 plants. When they have 4 or 5 rough leaves pinch off the end of the main shoot, which will cause the lateral branches to put forth fruit sooner.

## Green Fleshed Varieties



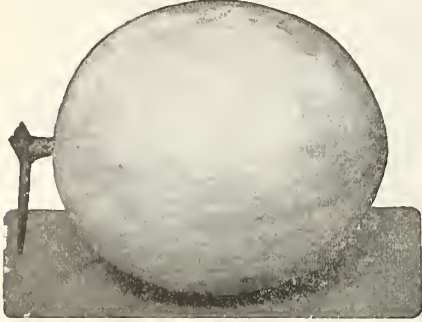
Muskmelon—Rockyford or Netted Gem

**Rockyford or Netted Gem**—Is a valuable introduction, and has attained in an incredibly short time a national reputation. It is of the Emerald Gem Type, oval in shape, averaging from four and one-half to five inches in length, of a delicious flavor; very fine and smooth grained flesh of a light green color throughout when ripe. 80 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.



**MUSKMELONS—Green Varieties—Continued**

**Extra Early Hackensack**—Fruit attains a good size, weighing four to six pounds each. The Melons are round, heavily ribbed; skin is light green, of delicious flavor, rich and sugary. It is also a luxuriant, healthy grower, and exceedingly productive. The earliest of all large netted Melons. 70 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

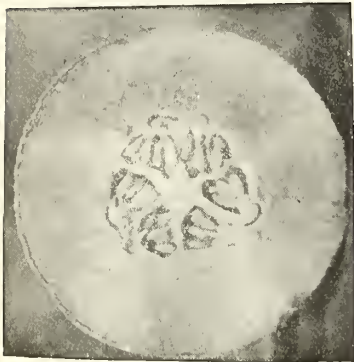
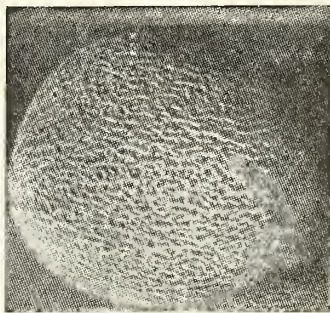


All prices on trees, shrubs and plants include delivery to your nearest express station.

**Musk Melon—Honey Dew**

**Honey Dew**—The sweetest melon of all. Average size 6 inches in diameter and 7 to 8 inches long. Weight 5 to 6 lbs. The skin is smooth and the rind though thin is very tough, of creamy yellow color when ripe. The flesh is very thick, of a bright emerald green, very fine grained, of very sweet sugary flavor, and can be eaten to the rind. Seed cavity very small. 125 days. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

**Extra Early Citron or Early Nutmeg**—A small round or slightly flattened melon, valuable as an early market sort on account of its extreme earliness, hardness and great productiveness. The skin is green, becoming yellowish at maturity. The flesh is light green, very thick and of delicious flavor. 65 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

**Salmon Tinted Varieties****Edwards Perfecto****Gold Lined Rockyford**

**Edwards' Perfecto**—A new variety developed from Eden Gem and the best of the Rocky Ford Class. Fruit very uniform in size, nearly round and densely covered with a hard gray netting; flesh very thick and of a beautiful salmon color, shading into green as it nears the rind. Perfecto has the deepest flesh, smallest seed cells and more salmon-colored flesh than any other type of Rocky Ford shipping melon. Recommended for its hardness, prolificness, deep flesh and excellent eating and shipping qualities. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

**Gold Lined Rockyford**—This new variety is one of the largest of the Rockyford type, and the seed we offer is extra choice. It is very prolific, of uniform size, very thick flesh, of a rich golden yellow next to the seed cavity, fruit very thickly netted. Very fine in every respect. 70 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

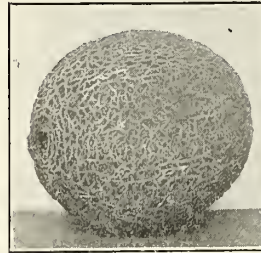
If you are fond of greens nothing will suit you better than Swiss Chard. Try some in your garden this season.

**StimUplant**  
Makes a  
Wonder Garden

**Forcing Growth**—Nitrate of Soda is a very strong stimulant for young growing plants. Vegetables grown for their leaves and stems, like lettuce, cabbage, celery, etc., can be improved by a light application or two of Nitrate of Soda in the early growing period. Nitrate of Soda is readily soluble. Use one ounce to three gallons or one pound to fifty gallons of water. Apply this in small amounts some little distance from the plant. Repeat in from twenty to thirty days.

**Orange or Yellow Fleshed Varieties**

**Emerald Gem**—This has long been acknowledged the most delicious in flavor. It is one of the earliest to ripen. It is unequaled for home use or nearby markets. Very prolific. If fruits are gathered as soon as they ripen, the vines will continue in bearing throughout the season. The melons are slightly flattened at the stem and blossom ends. The skin is smooth and free from netting. The fruits are heavily ribbed. Flesh very thick, small seed cavity. 85 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

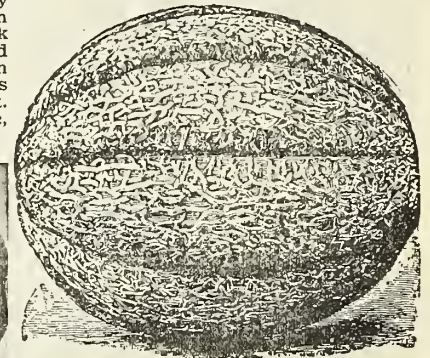
**Burrell's Gem****Salmon Fleshed Varieties**

**Burrell's Gem or Defender**—A medium sized oval deeply netted melon having salmon or red flesh. It is larger than Rocky Ford and of an entirely distinct flavor. There is a growing demand for the fine grained smooth, salmon-red fleshed muskmelons and Burrell's Gem seems to be one of the best in cultivation. 80 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

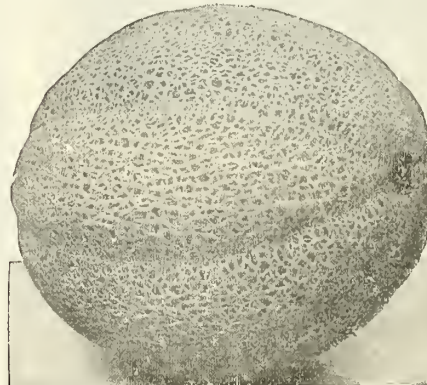


**Hale's Best, Extra Early**—This new variety is a melon of decided merit that will fill a long-felt want in long distance shipping because of its extreme earliness. Checking the several tests on this melon, the average period required is 68 days, and some of the tests were made in sections where the season was remarkable for its coldness. It is a salmon flesh melon of exceptional thickness. The shape is oval. Average size is 8x4½ inches with very heavy netting with fairly prominent ribs. There is no question but what it will be a very valuable market garden variety as it leads the list in earliness. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.00, postpaid.

**Barling's Montana** — Ideal in size for family use, oval shape, flesh salmon-pink, thick fleshed, with small seed cavity, originated in Montana and matures with the earliest. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00, postpaid.

**Musk Melon—Barling's Montana**

**Netted King**—Absolutely the sweetest and most luscious fleshed cantaloupe grown. Is of the salmon flesh variety. The flesh is thick and seed cavity very small covered all over by a fine grey netting. It has the most exquisite texture, sugary, juicy, crisp, tender, and has a delightful aromatic flavor. This melon is the extracted honey from the honeycomb. The sweetest of them all. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00, postpaid.

**Musk Melon—Osage or Miller's Cream**

**Osage or Miller's Cream** — A favorite salmon-flesh variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet flavored, most delicious to the rind. The fruit is extra heavy, owing to the thickness of the flesh. A great favorite for both market purposes and the home garden. 80 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

Of all Vegetable Fruits, the melons are the most delicious. Be sure to plant some melons in your garden.

**DON'T OVERLOOK OUR WONDERFUL IRIS, PEONY and DAHLIA COLLECTIONS**



## WATERMELONS

Ger.—Wassermelone.

Scand.—Vandmelon.

One oz. for 30 hills 4 to 5 lbs. to an acre.

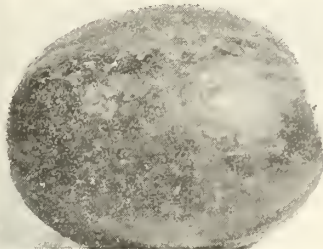
The hills should be dug about 2 feet square 18 inches deep, and half filled with well-rotted manure which must be thoroughly incorporated with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three, and pinch the ends of the growing shoots to induce early fruiting. While the watermelon is, generally speaking, a southern product, yet the cultivation of same is not confined to the south. Some of the sweetest and best melons we have seen were produced in the latitude of 45 degrees north; consequently, while the watermelon is a tropical fruit, yet our northern friends can grow them successfully.

**Cole's Early**—This is a fine variety for the family and market and is particularly adapted, on account of its earliness, to northern latitudes. For early marketing there is no superior. The bright red flesh is cool, crisp and sweet. The melons are of medium size and produced in generous numbers. The heart is surprisingly large in proportion to size of melon. 80 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.10, postpaid.



Watermelon—Cole's Early

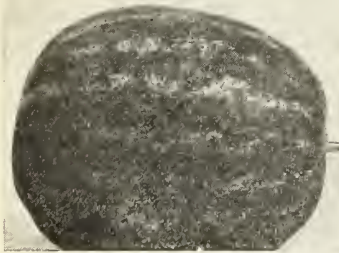
**Fordhook Early**—This is still without a rival as the earliest large-fruited melon in cultivation. Fruits are of good size, rather short and blocky in form. Skin dark green, occasionally with faint stripes of lighter green. Rind quite thin, but skin tough, making an excellent shipping variety. Flesh bright red, crisp, sweet, and of splendid quality; really one of the finest flavored melons in cultivation today. White seed 85 days. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.00, postpaid.



Fordhook Early

**StimUplant**  
Makes a  
Wonder Garden

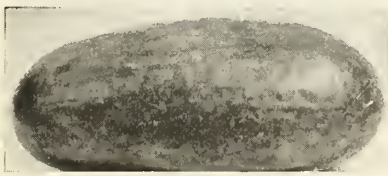
**Harris Earliest**—Owing to its extreme earliness, and adaptability, it is extensively grown in the Northern States where it is the undisputed favorite. We have known this melon to mature in latitudes as far north as Canada, and in places where watermelons never grew before. The Harris is the earliest watermelon on the market; the sweetest early melon, the largest early melon and the best early melon for the home garden. These are sweeping statements, but they are true. Moreover, the Harris will out-yield any other early melon. 70 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.25, postpaid.



Water Melon  
Harris Earliest

they are true. Moreover, the Harris will out-yield any other early melon. 70 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.25, postpaid.

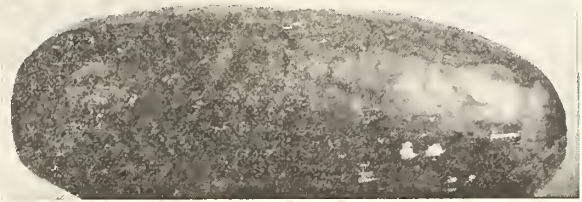
**Phinney's Early**—One of the finest of all the early maturing melons of medium size and oblong shape, marked with two shades of green. The rind is thin. The red flesh is very sweet and tender. The vine is productive and a sure cropper. Adapted to all sections, and does exceptionally well in the Northern States. 80 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Watermelon, Phinney's Early

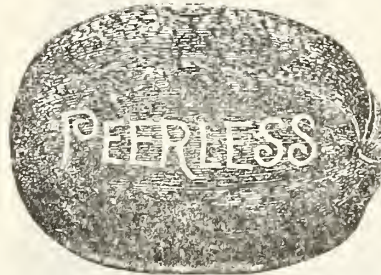
### OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each 40c, postpaid.



Kleckley Sweet or Monte Cristo

**Kleckley Sweet or Monte Cristo**—This is a very popular watermelon; no doubt it is more universally grown than any other sort. Dark green skin, thin rind; flesh bright scarlet, solid, very sweet and crisp; not a good shipper for long distance. The fruits are oblong and uniform in size. Average weight 25 lbs. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



**Ice Cream or Fearless**—This melon has become a favorite with a great many; flesh beautiful crimson and excellent quality, dark mottled green rind. Round. Average size 20 pounds. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

## CITRON

For Preserves

**CITEON—Red Seeded**—Fruit round and smooth. Is not eaten raw, but is useful for making a very clear, transparent preserve of peculiarly fine flavor. Flesh white and solid. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

**CITEON—Green Seeded**—Same as above with green seeds. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



Citron

**StimUplant**  
Makes a  
Wonder Garden

## MUSTARD

¼ oz. to 100 feet of row. Two to three lbs. to the acre.

**White**—The green leaves are used as a salad when a few inches high. If sown in a warm place or in a hotbed will be ready to cut in a few days; sow frequently for a succession of crops. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.00, postpaid.

**Giant Southern Curled**—Large variety, forming great mass of beautiful leaves, ruffled and finely curled on edges; used for salads. Hardy, vigorous, and highly recommended. 35 days. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. \$1.00, postpaid.

## MUSHROOM SPAWN

Practically no capital is required in the mushroom business, and the profits are most satisfactory. All that is required to grow mushrooms is almost any building or cellar, some manure, loam, and last and above all, good spawn. Our Pure Culture Mushroom Spawn is full of vigor, the kind used by the best commercial growers of the United States. One brick to ten square feet.

Leaflet—"How to Grow Mushrooms," free for asking.

**LAMBERT'S Mushroom Spawn**—Per brick 40c, 5 bricks \$1.75, postpaid. By express or freight per brick 35c, 10 bricks \$3.00, 25 bricks \$6.75.



Stimugerm stays good for years. Buy it with your seed and have it ready to use. See Plant Foods, Etc.

TWENTY NAMED DAHLIAS—ALL DIFFERENT—POSTPAID \$5.00



**StimUplant**  
Makes a  
Wonder Garden

# ONION SEED

**StimUplant**  
Makes a  
Wonder Garden

Ger.—Zwiebel.

Scand.—Røedloec

(One ounce for 200 feet of drill; 4 to 5 pounds in drills per acre.)

The best onions are grown on low, sandy, or mucky lands, with natural moisture and plenty of it. Sow the seed in March in hotbeds or in shallow boxes in the house, transplanting to the open ground in May or as soon as the ground is warm and in good condition. Follow this method for an early and successful crop.

The crop must be kept free from weeds, and it is usually necessary to weed out in the row by hand once or twice. Hoeing between the rows may be done oftener. It is not necessary to thin the plants in the row, since some thinning is naturally done during the hand weeding.

Steady, even growth is necessary to good onions and a check in growth, whether from disease or drought causes them to run to seed badly.

Different markets and localities prefer different onions. Globe onions are generally most popular and yield better than the other sorts. Flat onions are earliest and the large sized kinds have the best flavor. All seed is tested as to vitality.

## White Varieties

### Southport White

**Globe**—A very desirable variety which yields an abundant crop of fine large onions. Pure white color, mild flavor and equally good for keeping as the Yellow Globe. It is an enormous yielder and always sells at high prices. It is best to dry these onions in a shady place and give plenty of air. 120 days. Pkt. 5c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.35, lb. \$4.50, postpaid.



Onion—White Portugal or Silver Skin

### White Portugal or

**Silver Skin**—The best known and most largely used white onion. Is flat on the bottom and thick toward the top, very hard and firm and an excellent keeper. 110 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.15, lb. \$3.50, postpaid.

**White Portugal or Silver Skin (Montana Grown)** Pkt. 10c, ½ oz. 35c, oz. 45c, ¼ lb. \$1.35, lb. \$5.00.

**White Pickling**—For early bunching, pickling, etc. Small hard, round; keeps well; does not turn green when exposed to sun. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.15, lb. \$3.50, postpaid.

**Mammoth Silver King**—An early large white, flat variety. Is not a keeping sort nor a good shipping variety, but is valuable for home use and nearby markets. Very mild and fine flavor. 125 days. Pkt. 10c, ½ oz. 35c, oz. 45c, ¼ lb. \$1.35, lb. \$5.00, postpaid.

## Red Varieties

**Large Red Wethersfield**—Persistent selections of bulbs planted for seed have given us a small-necked, sure-ripening strain entirely free from scallions. Though well flattened, the solid onions are thick through. The outer skin is a deep, rich purplish-red, smooth and glossy; flesh white, lightly tinged with pinkish rose. The magnificent large, solid onions are nearly as mild in flavor as many varieties with skin of lighter coloring. Its splendid keeping qualities make it easy to hold crops for late winter markets in the Northwest. 120 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.00, postpaid.



Onion—Mountain Red Globe

**Mountain Red Globe**—Is grown by the same man who has grown the Mountain Danvers for us. He is located just over the divide, at a very high altitude, where the seasons are short and where an ordinary strain of Southport Red Globe will not mature, and where an onion has to hustle if it matures and makes a good sized bulb. A red Onion is preferred to a yellow one by many and for this reason the Mountain Danvers did not suit everybody, so if a red is your choice, here is your Onion. It is like Southport Red Globe, but is earlier. It has a good globe shape, is dark red, ripens evenly, has a small neck, is free from scallions, and keeps well and it ships well. It is a good mate for Mountain Danvers,

which means that it is a mighty fine onion. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.15, lb. \$3.50, postpaid.

**CARCO**—Will protect your onion crop against the ravages of the root maggot and other garden pests. See Insecticides.

**Extra Early Red Flat**—An extra early red onion, which yields abundantly, keeps well and is of mild flavor. The bulbs are of medium size and rich red in color, very close grained, solid and heavy. This variety will form bulbs in cold, mucky soils where others frequently fail to ripen. Plant this where the seasons are short and cool. Marketable onions in 100 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.15, lb. \$4.00, postpaid.

## Brown Skinned

**Australian Brown**—An early and very hardy variety which does especially well in Montana. Should be planted early, on low, wet ground to get large bulbs. The skin is thick and the color is a rich brown. Is especially noted as a long keeper, as it keeps well into the spring, and much longer than other varieties. 110 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.00, lb. \$3.00, postpaid.

## Yellow Varieties

**Yellow Globe Danvers**—This onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large, with thin necks, ripening down well. The skin is a fine brown orange yellow, while the flesh is pure white, solid and of good quality. Its keeping qualities are of the best. This strain is so nearly globe shaped that it passes for a globe, and its earliness makes it valuable for market. 120 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.00, lb. \$3.00, postpaid.



Onion—Mountain Danvers

**Mountain Danvers**—The great trouble in growing Onions in the high altitudes of the mountain regions of the Northwest is to get an Onion that will mature properly. One that will ripen up hard and solid without any thick neck or sprouty stuff. The irrigated country in Colorado, Idaho, Utah, Montana, can grow the finest crops of onions on earth, if they can get the right varieties. What they want is an Onion of good size, good bright color, a good keeper and above all, very early. The Mountain Danvers fills the bill and no matter where you are located if you want an early and a good keeping Onion, answering the above description, send your order along. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25, lb. \$4.00, postpaid.

**Prizetaker or Mammoth Yellow Spanish**—Largest Yellow Globe Onion. Excellent keeper of finest flavor, handsome shape and enormous size, many single onions have been raised to weigh five pounds and over from seeds the last year. It is of the same type as those immense imported onions which can be seen in stores and always command a very high price. 130 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.00, lb. \$3.00, postpaid.

**Ailsa Craig**—The largest onion grown. It is a good keeper and is much liked and recommended on account of its acceptable delicate and pungent flavor. The skin is an attractive straw color. To secure the largest onions, seed should be sown in hot beds in the early spring and transplanted later to the open ground. 135 days. Pkt. 10c, ½ oz. 30c, oz. 45c, ¼ lb. \$1.35, lb. \$4.50, postpaid.

DON'T MISS OUR WONDERFUL SWEET PEAS AND ZINNIAS



**OUR LITTLE PRUNING BOOK**

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 40c.

**ONION SETS**

One lb. to 75 feet of drill, 300 lbs. to the acre.

**The Importance of Using Northern Grown Onion Sets**

The planting of Onion Sets is increasing rapidly year after year. The Bottom Onion Sets produce onions ready for market six weeks earlier than can be had by sowing the seed. This enables the grower to sell his entire crop earlier in the season, at which time the prices usually are higher. It also permits the sowing of another crop on the land the same year. Bottom Sets are about as big as the end of your finger and when set out in spring they come quickly and make nice green onions for bunching, or if left to stand will make big onions as from seed but much earlier. We can furnish them in the yellow, brown or white. Yellow are generally the best. Multiplier sets are also good.

**Size of Onion Sets**

It is very important that you get onion sets of the right size. If just a little too large they will run to seed right away instead of making a good onion. The rule is to sell every set below 1½ inches in diameter, but in that case there is sure to be some too large that will go to seed. Therefore we use none above ¾ inch. Please write for quotations on larger quantities.

**ONION SETS: Postpaid Prices Only**

	Lb.	5lbs.	10lbs.
White Bottom .....	.35	1.65	3.20
Brown Bottom .....	.35	1.60	3.10
Yellow Bottom (Ebenezer) .....	.30	1.40	2.70
Yellow Multiplier .....	.35	1.65	3.20

**ONION SETS: By Express or Freight Only**

	Lb.	5lbs.	10lbs.
White Bottom .....	.30	1.40	2.70
Brown Bottom .....	.30	1.35	2.60
Yellow Bottom (Ebenezer) .....	.25	1.20	2.30
Yellow Multiplier .....	.30	1.40	2.70

**NOTICE**—These prices on Onion Sets apply when wanted by express or freight only, at purchaser's expense.

**CARCO****VEGETABLE****SPRAY****CONTROLS****THE CABBAGE,****TURNIP, BEET,****CAULIFLOWER,****RADISH and ONION****MAGGOT**

See Page 131

**SEMESAN****TREATED SEEDS****PRODUCE****MORE AND****FINER****VEGETABLES**

See Page 130

**OKRA or GUMBO**

One oz. to 100 feet of drill. 8 lbs. to the acre.

The long tender pods of Okra are very delicious when sliced and cooked in soups. While this is the chief use, it is also boiled and served like other vegetables. The dwarf sorts may be planted in hills or in rows about three feet apart. Plant in any good soil about May 15. The pods should be gathered when very young, as they are then very tender.

**Dwarf Green**—An early dwarf prolific variety with thick, green pods. 65 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid.

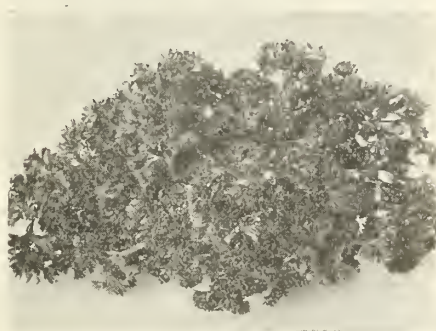
**White Velvet**—Very tender pods, long smooth and white. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25, postpaid.

**PARSLEY**

Ger.—Petersillie.

Scand.—Persillie.

(One ounce for 150 feet of drill).



Parsley—Moss Curled

Parsley succeeds best in rich mellow soil. As the seed germinates very slowly, it should be sown quite early in the spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar or a few plants may be placed in pots or boxes and kept in the house.

**Moss Curled**—There is no more attractive variety than

this when well grown; it is hardy and slow to run to seed; every gardener's favorite. 65 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.00, postpaid.

**Extra Double Curled**—In shape of leaf, color and taste this new variety is perfect. It stands heat, drought and cold better and will yield better than any other of the numerous varieties of Parsley we have ever had. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.00, postpaid.

**Hamburg or Turnip Rooted**—Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. The roots are stored like carrots for winter use. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.25, postpaid.

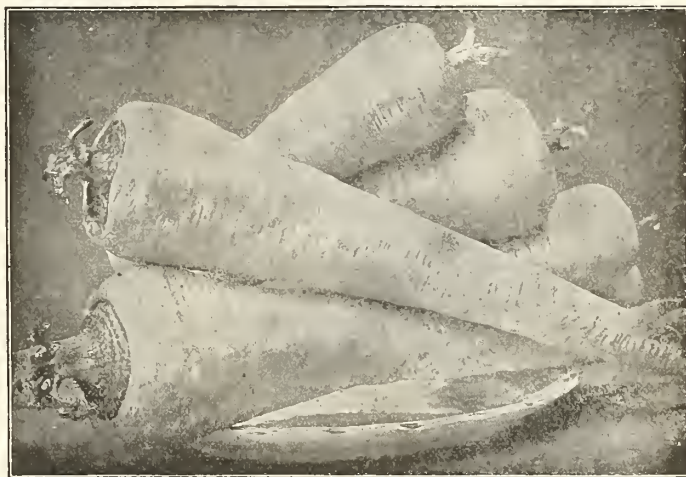
**PARSNIP**

Ger.—Pastinake.

Scand.—Pastinak.

(One ounce for 200 feet of drill, 5 to 6 lbs. in drills per acre)

Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. It is usual to take up in the fall a certain quantity for winter use leaving the rest in the ground till spring, to be dug up as required.



Parsnip—Hollow Crown or Guernsey

**Hollow Crown or Guernsey**—An excellent variety for the table. The roots are long with smooth white skin, uniform in shape tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top of crown or root. 85 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.

**Long White or White Dutch Sugar**—This variety of parsnip is very hardy and will keep well through the winter without protection. The roots are long, white, smooth, tender and of most excellent flavor. Much used for the table and suitable also for stock feeding. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.



**INOCULATE THIS  
SEED WITH  
STIMUGERM**

Ger.—Erbesen.

# PEAS

Scand.—Dan-Nor.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

(1 lb. to 100 feet of drill: 80 to 100 lbs. to the acre.)

1 lb. is a little more than 1 pint. 2 lbs. is a little more than 1 quart.

Peas are quite hardy, and for early crop sow as soon as the ground can be worked. Then sow in succession every two weeks until the first of August. They require moderately rich soil but not excessively rich or wet, or they will run too much to vine and will not bear heavily. The dwarf varieties can be planted in rows 12 to 18 inches apart, and the tall varieties 3 ft. apart. The tall varieties should be staked by brush or tied up. By using the various classes of peas and making several sowings of each, good peas can be had for a long season. The pods should be kept picked, the plants will then continue to bear longer. For late sowing, use Early Dwarf varieties.

## Extra Early Round Seeded Varieties



ALASKA PEAS

**VOLCK**  
**WILL KILL**  
**MEALY BUG,**  
**WHITE FLIES,**  
**RED SPIDER,**  
**RUST MITES,**  
**ETC.**  
**SEE**  
**INSECTICIDES**

**Alaska or Earliest of All**—The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners and market gardeners. Very uniform in ripening and an excellent yielder. Height 24 to 30 inches. 45 days. Pkt. 5c, ½ lb. 25c, 1b. 35c, 2 lbs. 65c, postpaid.

## Extra Early Dwarf Wrinkled Varieties



AMERICAN WONDER PEAS

**NAPHTHALENE**  
**PREVENTS AND**  
**REPELS**  
**CUT WORMS,**  
**SNAILS, SLUGS,**  
**APHIS, ANTS,**  
**BETTER, ETC.**  
**SEE**  
**INSECTICIDES**

**Fertilize the Sweet  
Corn ground if you  
want high sugar con-  
tent.**

**In cutting corn for  
the table it is import-  
ant that it be picked  
at just the right time.**

**American Wonder**—In the dwarf compact growing extra earlies the American Wonder leads all others, can be grown in rows 18 inches to two feet apart. They are quite prolific; the crop can be gathered in 2 or 3 pickings and the soil cleared for succeeding crops. 9 to 12 inches high. 60 days. Pkt. 5c, ½ lb. 25c, 1b. 35c, 2 lbs. 65c, postpaid.

**On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.**

## Extra Early Wrinkled Varieties—(Continued)



Peas—Little Marvel

**Little Marvel**—A first early Pea of the finest quality, better than American Wonder or Nott's Excelsior. The vines of dwarf even growth, average 18 inches high, and are heavily set with fine pods, usually in pairs. The pods average 3½ inches in length, are square at the bottom, and are well filled with quite large, deep green peas. The Peas are ready for picking fully as early as American Wonder, but the pods are larger and the vines bear a much heavier crop. All who desire a fine crop of an early, choice variety of Peas will be delighted with Little Marvel. 65 days. Pkt. 5c, ½ lb. 25c, 1b. 35c, 2 lbs. 65c, postpaid.

**Little Gem**—Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods 2½ to 3 inches long, only three days after the American Wonder. The Peas are green, wrinkled, of sweet, delicious flavor and excellent quality. One of the best for family use. It remains fit for use longer than the American Wonder and Nott's Excelsior, and is thought by many to be sweeter. 60 days. Pkt. 5c, ½ lb. 25c, 1b. 35c, 2 lbs. 65c, postpaid.

## LAXTON'S PROGRESS

In this wonderful new pea we have the "best yet" in the Laxtonian type. The plant is of dwarf habit, growing about 18 inches in height, with dark green foliage and pods, and is exceedingly productive for a dwarf variety. The handsome, large pods are four inches in length, broad and pointed and contain 8 to 9 very sweet wrinkled peas. A most desirable sort for the home garden and is rapidly winning favor.

Pkt. 5c, ½ lb. 30c,  
1 lb. 50c, 2 lbs 90c.



Peas—Laxton's Progress

## LENTILS

**Lentils—Montana Grown**—Growth and habit similar to the Pea. Is in great demand for cooking purposes, makes excellent soup. 1b. 25c, postpaid 30c.

**Naphthalene prevents and repels cut worms, snails, slugs, aphids, ants, beetles, etc. (See Insecticides).**

**WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US**



INOCULATE THIS  
SEED WITH  
STIMUGERM

Ger.—Erbsen.

# PEAS

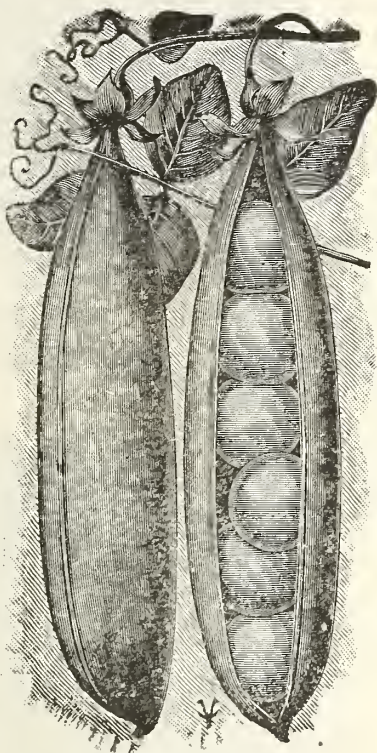
Scand.—Dan-Nor.

INOCULATE THIS  
SEED WITH  
STIMUGERM

## Early Wrinkled Varieties

**Carter's Daisy or Early Dwarf Telephone**—Dwarf, large podded, needs no brush. The striking features of the Daisy pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and being strong and thrifty, require no support, making it an ideal variety for use where brush or stakes are not available. This pea is desirable on account of the fine appearance of the pods, and always finds a ready sale. 65 days. Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid.

**Gradus or Prosperity**—The most popular high quality extra early, wrinkled pea. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small round extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color measuring 4 inches with luscious peas, 8 to 9 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A grand pea in all respects. 60 days. Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid.



Feas—Gradus or Prosperity

**Laxtonian**—A very fine dwarf early Pea. The largest podded of the early dwarf wrinkled varieties. Has no superior for either quality or productiveness. Ready to use within a very few days of the very earliest types. Similar to Gradus in shape. Vines grow to an average height of about eighteen inches. The pods four inches or more long, slightly curved, with a sharp curve at the end. Contains eight to ten wrinkled luscious peas of finest flavor. Almost double the size of any other early dwarf wrinkled pea. Ready for the table in about sixty-five days. One of the few peas to receive the "Award of Merit". Pods grow near the top, making them easy to pick. One of the largest yielding varieties. Vines are vigorous, foliage dark green, which enables it to resist the extreme conditions to which Peas are subjected in many sections of the United States. A good pea for the market grower or for the home garden. A pea of real merit. 65 days. Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid.

**Melting Sugar**—(edible pods). We consider this the best of the edible-podded sorts, in which the pods are used when half grown and are cooked in the same way as snap beans. The pods of Melting Sugar are very large, four to five and a half inches long, broad, often curved or twisted, and when young, stringless, very tender and finely flavored. The variety we offer, sometimes called Mammoth Melting Sugar, is very prolific, strong growing, about four to five feet high, with large light colored foliage. 85 days. Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 70c, postpaid.

Laxtonian

moth Melting Sugar, is very prolific, strong growing, about four to five feet high, with large light colored foliage. 85 days. Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lbs. 70c, postpaid.

## Main Crop Varieties

**Roosevelt** — This splendid pea is of the same podded type as the Telephone but the pods are larger and the peas sweeter. The Roosevelt Pea surpasses all other large-podded varieties in another particular, that of productiveness. In other words a pint of Roosevelt pea pods will yield as many shelled as a quart of most other sorts. Quality is always to be preferred to quantity, but a pea which will give better quality and larger quantity is the pea to plant; that pea is the Roosevelt. A very popular variety. Height four feet. 70 days. Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 75c, postpaid.



Peas—Roosevelt

**Telephone—Tall—Medium late.** This fine pea has proved a valuable acquisition, vines vigorous, growing about four feet high and producing an abundance of large pods filled with immense peas, which are tender, sweet and of excellent flavor. It has sterling merit, which gardeners appreciate. 75 days. Pkt. 5c, ½ lb. 25c, lb. 35c, 2 lbs. 65c, postpaid.

**Dwarf Champion**—A desirable main crop sort for the market or home garden. The vines are of medium height, about two and one-half feet, stout, vigorous and hardy, and are unusually productive. The pods are large, often four inches long, broad, quite straight, deep green in color, handsome and very well filled with large peas which are tender and unsurpassed in quality. Seed large, light green, wrinkled. Dwarf Champion is similar to Champion of England in pods only; the vine is shorter and more sturdy. Pkt. 5c, ½ lb. 25c, lb. 35c, 2 lbs. 65c, postpaid.

**Large White Marrowfat**—The vines of this tall variety are about five feet high and of strong growth. The pods are large, about three inches long, cylindrical, surface somewhat roughened, light colored and well filled. Seed large, smooth, round and light creamy yellow. It is desirable for summer use but is not as sweet and tender as most sorts, although undoubtedly one of the most productive of the garden varieties. Grow this variety for your supply of dried Peas for winter use. Pkt. 5c, ½ lb. 20c, lb. 30c, 2 lbs. 55c, postpaid.

### PLANT A GARDEN Eat More Vegetables

Vegetables are the natural source of vitamins. Vegetables contain more of this life force than any other food. Vegetable food is pure food. Vegetables are healthful. Grow more vegetables. Eat more vegetables.

Peas

Telephone

On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.

Our Fruit Tree and Shelterbelt Collections will save you money.



## PEPPERS

Ger.—Pfeffer.

Scand.—Spanskpebr.

One ounce will produce 1000 to 1500 plants.

Peppers are growing in popularity among cooking experts for seasoning pickles, sauces and various dishes. Plant seed  $\frac{1}{2}$  inch deep in a hot bed, cold frame or box in the house, set in rows about 1 $\frac{1}{2}$  feet apart each way in the garden, about corn planting time. Hen manure is an excellent fertilizer and will greatly increase the yield.



Pepper—Large Bell or Bull Nose

**Large Bell or Bull Nose**—Flesh thick, hard and less pungent than most other varieties, excellent quality for use in salads or for stuffed peppers. Sometimes three to four inches in length. 140 days. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25, postpaid.

**Sweet Mountain**—Vigorous and productive, fruit is large and smooth, flesh thick, fine flavor. 130 days. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25, postpaid.

**Cayenne Long Red**—Pods are small cone shaped and red, hot and pungent, used for pickling. 130 days. Pkt. 10c,  $\frac{1}{2}$  oz. 30c, oz. 55c,  $\frac{1}{4}$  lb. \$1.75, postpaid.

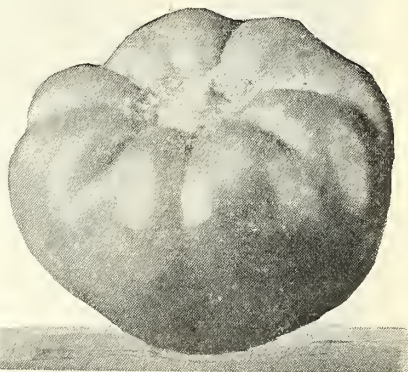
**Pimiento**—The Mildest Flavored of all Peppers—It is extensively grown for pimientos, pickles and pulp, maturing in 135 days. Its productiveness makes it a desirable sort for market gardeners as it yields heavy crops until cut off by frost. Its smooth, thick flesh and uniform shape makes it an excellent shipper. Should be planted in every garden where a delicious sweet flavored pepper is wanted both for salad and for stuffing. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50, postpaid.

## "TOPEPO"—The World's Newest Vegetable

The Topepo is of exquisite flavor combining the delicious qualities of the pepper and the tomato. Topepo is a cross between the Stone Tomato and the Large Bell Pepper.

Its gorgeous colorings of vivid red, deeper than the tomato, or golden yellow, striped with dark green makes a very handsome table decoration. In flavor the Topepo resembles the Bell Pepper but it is sweeter, not so peppery and has the zest of the tomato flavor.

It is from four to five inches in diameter. In shape it resembles the Bell Pepper. The plants grow in a spreading bushy form like the tomato. The foliage is a deep rich green, is smooth and shiny, like the pepper, though the Pepper for stuffing and baking, because of its beautiful color and of its firm thick walls which do not break down when baked. It is also used for slicing in salads, for flavoring soups and gravies, or dressings, and for stuffing. It can be combined with any vegetable in making original dishes. A very important feature of the Topepo is its keeping quality. You will find the Topepo a fine addition to your menu if you have a home garden. Full directions on every package. Pkt. 25c, each, postpaid.



## OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc... Each 40c, postpaid.

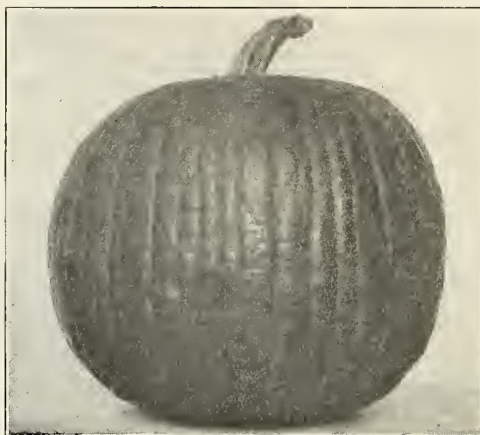
## PUMPKINS

Ger.—Melonen—Kubis.

Scand.—Graeskar.

(One ounce for 25 hills—three lbs. to the acre.)

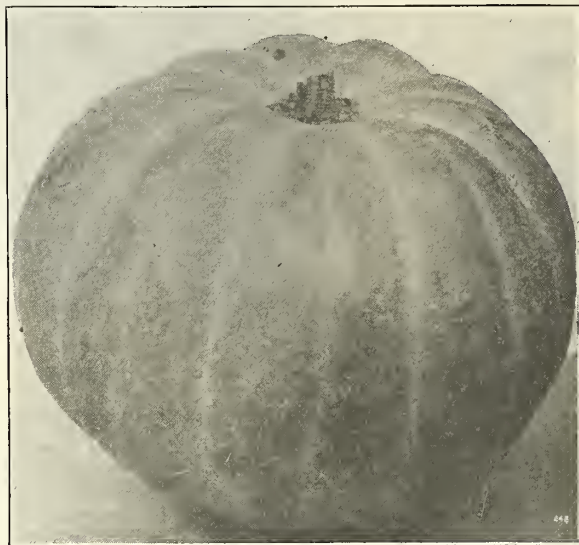
**Culture**—The common practice is to drop two or three seeds in every third or fourth hill in the cornfield, but if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill.



**Early Small Sugar or Pie**—Is so well known as the best pie pumpkin. It requires little description. The fruit is small to medium size with solid fine grained flesh, and such a sweet sugary delicious flavor they all call for "more"; the seed cavity is small. 70 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

Pumpkin—Early Small Sugar or Pie

**Japanese Pie—A Large, Dark Green Crookneck Sort**—A high quality pumpkin of Japanese origin. The flesh is very thick, of a rich salmon color, fine grained, dry and sweet. Of medium size, early, very productive and a good keeper. Highly desirable for pies. Ripens in 70 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.



Pumpkin—Large Cheese or Kentucky Field

**Large Cheese or Kentucky Field**—A large round flattened pumpkin with broad ribs, the skin is of a rich cream color, flesh yellow, tender and of excellent quality. Extra fine quality for family and market use, fine for pies and rich food for stock. 90 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, postpaid.

**"Jumbo" or "King of the Mammoths"**—Fruits grow to enormous size. Salmon-orange skin; very thick bright yellow flesh, which is fine grained, and of excellent quality for pies. 90 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

**Winter Queen or Winter Luxury**—Medium size, nearly round, skin a beautiful deep orange-yellow, finely netted. Very productive, sweet, tender, and an excellent keeper. 80 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

**Connecticut Field—The Best Yellow Field Sort**—Also known as Big Tom. A large round or slightly oval shape pumpkin. Skin reddish orange color, with rich orange yellow flesh. Extensively grown for stock feeding, and generally planted with corn, producing enormous crops in 90 days. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00, postpaid.



Pumpkin—Connecticut Field

Don't overlook our DAHLIA, IRIS and PEONY Collections



## RADISH

Ger.—Radies.

Scand.—Reddik.

(One ounce will sow 100 feet of drill, 8 to 10 lbs. to the acre)

Being a root crop, good brittle Radishes require light, well worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly, they become tough and pithy. They are easy to grow and frequent planting will insure a constant supply for the table. Thin the very young plants somewhat to prevent crowding. Summer varieties can be sown all spring and well into summer. Winter varieties, however, require some time to mature, the seed of these should be planted in June or July.

## Early Round Varieties



Radish—Early Scarlet Turnip White Tipped

**Early Scarlet Turnip White Tipped**—A splendid early Radish, very attractive appearance; its white tip and deep scarlet are always pleasing to the eye. Very tender and of good flavor. 25 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.



Crimson Giant Globe

**Extra Early Saxa**—The earliest of all forcing radishes. Round, bright scarlet, with the smallest possible tops. Exceptionally crisp and tender and of fine flavor. An excellent early market variety and slow to shoot to seed. We offer a select strain suitable for market gardeners. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50, postpaid.

**Early Scarlet Turnip**—A well-known Radish for early home and market use. Matures quickly, crisp and of good flavor. 25 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

**Crimson Giant Globe**—A variety extraordinary in that while growing to an unusually large size, is always tender and of mild flavor. It remains in perfect condition a remarkably long time and unlike other forcing varieties, does not become pithy even when twice their size in diameter. 32 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

**Non Plus Ultra or Early Deep Scarlet**—The roots are small, round and deep rich scarlet in color. They make a very quick growth, and are ready for use in 30 days after sowing. The flesh is white, crisp, tender and of fine quality. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, postpaid.



Radish—Early Scarlet Globe

**Early Scarlet Globe**—One of the earliest; flavor mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. 25 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

**Early White Turnip**—A very quick-growing, small turnip-shaped variety. Color, clear white; very mild flavor. 25 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.



Radish—French Breakfast

**French Breakfast or Half Long**—Medium size, olive-shaped Radish, small top, scarlet except at the tip, which is white; a splendid table variety for either forcing or outdoor culture. Makes rapid growth. A great favorite. 30 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

## Summer Radishes—Long Varieties

Grow larger than early varieties and remain in good condition longer.



Radish—Icicle

**Long White Vienna or Lady Finger**—An extra-fine garden radish. Both skin and flesh are pure white; the flavor is quite mild, and the roots seldom become pithy, remaining in good condition for a considerable length of time. 30 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

**White Icicle**—The roots of this Radish grow about six inches long, are of transparent whiteness with short leaves, and make their growth very quickly. It is of excellent flavor and equally valuable for home use and market gardeners. 30 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25, postpaid.

**White Strasburg**—In our opinion there is no better Radish grown; the roots are white and grow to a large size, four or five inches long, for sweetness, tenderness and flavor it is unequalled. Keeps crisp and tender for a very long time. 40 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, postpaid.



Radish—White Strasburg

**Long Scarlet Short Top**—This bright scarlet short topped sort is about 5 inches long, growing half out of the ground; is uniformly straight and smooth, crisp and brittle; an excellent variety for private gardens or market. 35 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, postpaid.

**Cincinnati Market or Long Brightest Scarlet**—An early variety, splendid for forcing or open ground. The tops are small and they stand close in the row, straight and smooth—clear bright red in color—flesh very tender. 35 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, postpaid.

## Winter Varieties

Make your first planting the middle of June, a second the middle of July. Sow thinly in rows not less than 15 inches apart between the rows, and thin out to stand 6 inches apart in the row. Radishes must grow quickly to develop quality, and a rich, firm, and well-drained soil is essential. Apply water during dry weather. Winter Radishes are easily stored for winter use in any frost-proof cellar.

**China Rose**—One of the best fall and winter varieties, firm, white flesh. 60 days. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, postpaid.

**Mammoth White China or Celestial**—Flesh solid and brittle; pure white; flavor mild or slightly pungent. A splendid keeper for use in winter; very showy. 70 days. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, postpaid.

**Long Black Spanish**—The latest and hardest of all the winter Radishes; roots black, long, large and good keeper, pull before severe frost and store in damp sand in root house. 70 days. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, postpaid.

**Round Black Spanish**—A round form of above. 60 days. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00, postpaid.

**Sakurajima or Mammoth Japan**—This is a mammoth variety, and is said to be the largest variety that is obtainable in Japan. Very tender and round. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00, postpaid.

**Nerima or Mikado**—A wonderful product of the Orient, with snow-white flesh, very tender and under good conditions growing from two to three feet in length. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 65c, lb. \$2.00, postpaid.

VOLCK

DESTROYS ALL

GARDEN PESTS

SEE

INSECTICIDES

WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US



**RHUBARB**

Ger. Rhababer.

(One ounce to 125 feet of drill, 1 lb. to acre).

Scand.—Rhababer.



Rhubarb—Victoria

**Victoria**—A variety from Holland with extra large, dark red stalks with plenty of juice. Becoming the most popular variety. Pkt. 10c, oz. 25c, ¼ lb. 65c, ½ lb. \$1.00, lb. \$1.75, postpaid.

Seed should be sown early in the spring in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that, or two years after sowing the seed, the rhubarb may be used. Do not cut rhubarb, pull it so that it comes out whole from the crown.

For forcing, take up some of the larger roots and plant them in a dark corner of the cellar. It pays to cultivate Rhubarb frequently, even after the cutting season is over, and to top-dress with manure in late summer or fall at least every other year.

**SALSIFY OR OYSTER PLANT**

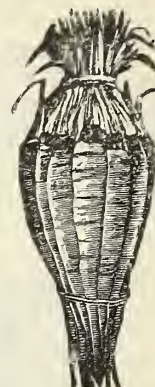
Ger.—Hafer-Wurzel.

Scand.—Havrerod.

(One ounce will sow 100 feet of drill, 8 lbs. to the acre.)

**Culture**—Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 4 or 5 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring, but should be dug before commencing their growth.

**Mammoth Sandwich Island**—We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market gardeners. 90 days. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.25, postpaid.



Salsify

**SPINACH**

Ger.—Spinat.

Scand.—Spinat.

(One ounce for 100 feet of drill; 10 to 12 pounds in drills for one acre).

The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frosts; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.

**NEW GUINEA BUTTER VINE**

New Guinea Butter Vine

**One of the Most Delicious of All Vegetables**

We are offering planters another vegetable of real worth and merit. Nearly every one who has tried it speaks of it very highly. The New Guinea Butter Vine is a member of the edible gourd family and in growth is similar to the squash, and can be grown in the same manner or can be trellised up. It is wonderfully prolific, considerably more productive than squash and much easier to grow. The vines are always free from disease and insect pests, and really stand more neglect and abuse than any other vegetable vine we know of.

The fruits of the New Guinea Butter Vine grow to an enormous size, often 3 to 5 feet in length, but should be eaten when small, while the fuzzy growth is yet on. They can be cooked like Squash, fried like Egg Plant, pickled like Cucumbers, or cut up in small pieces and cooked with cream. When cooked with cream or fried it is most delicious, and if you would like to try something new this season, you will find that this vegetable is a most desirable addition to your garden.

The New Guinea Butter Vine is so productive that three plants will supply any ordinary family. If trellised up, the vines take up so little space, no garden is so small but that room can be found somewhere for at least two or three plants. One of our customers who tried it writes us that he cut 75 fruits from one vine, and that each fruit was from 2½ to 3 feet long. Pkt. 10c, 3 pkts. 25c, 7 pkts. 50c, 15 pkts. \$1.00, postpaid.

**Seeds for Flavoring, Medical and other Purposes**

	Postpaid	¼ lb.	lb.
Celery—For flavoring and soup (not for sowing) .....		.20	.60
Dill—For flavoring .....		.15	.50
Pumpkin—(For medical purposes) .....		.15	.45
Water Melon—(For medical purposes) .....		.15	.40
Musk Melon—(For fancy work) .....		.15	.40

**Flower and Vegetable Seed Collections**  
See Page 72

Look over our Various Seed Collections before mailing your Order.



Spinach—Round Thick Leaved

**Round Thick Leaved**—This variety grows quickly, forming a cluster of slightly wrinkled leaves of deep green color and good quality. The leaves are broad arrow-shaped but sometimes rounded. This is an extensively used medium early sort for the market and home garden. 45 days. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 65c, postpaid.

**Long Standing**—The best variety for family use, as it remains in good condition longer without running to seed than the round leaved sorts. Thick. Well flavored leaves. 45 days. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 65c, postpaid.

**Bloomsdale Savoy Leaved**—One of the best of the savoy leaved type, with thick heavily curled leaves. Very succulent and tender. 40 days. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 65c, postpaid.

**Prickly Winter**—One of the hardest varieties with medium sized broad leaves. Very tender. Pkt. 5c, oz. 15c, ¼ lb. 30c, lb. 65c, postpaid.

**King of Denmark**—Stands two weeks longer than any other sort. This remarkable new spinach is far superior to any of the above sorts. Its principal advantage is that it stands two weeks longer before running to seed than any other variety. The leaves are large, rounded. Savoy or crumpled of deep green color. Ready to cut in 48 days. Pkt. 5c, oz. 20c, ¼ lb. 35c, lb. 75c, postpaid.

**New Zealand—(The Hot Weather Spinach)**—The stems and leaves of this variety are soft, thick, fleshy and crystalline in appearance. Started early in the spring, the plants will resist heat and make strong growth during the summer. 55 days. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.



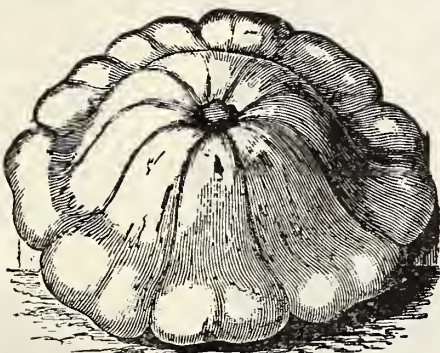
**SQUASH****Ger.—Kurbiss.****Scand.—Squash-Graeskar.**

(One ounce to 25 hills; 3 to 4 lbs. to the acre.)

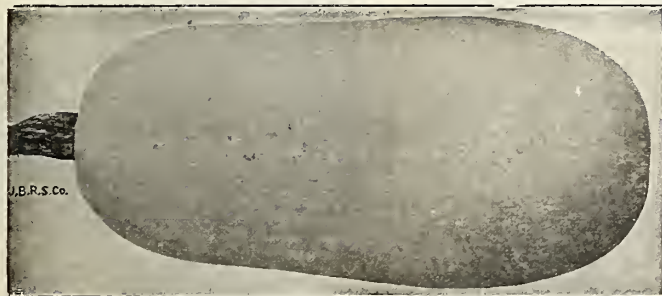
There are two distinct types. The Summer varieties are cultivated for the tender young fruits which are used in the green or growing stage during the summer months. The winter squashes produce larger hard-shell fruits, which are gathered in the fall before there is danger of their being injured by frost, and stored in a warm, dry place for winter use. A few of the varieties may be used in either state.

**Summer Varieties****Early White Bush**

**Scallop**—One of the best early maturing varieties. The fruit is a beautifully waxy white of superior quality, somewhat flattened, scalloped along the edge and of medium size. It has that lasting delicious sweetness that leaves a hankering for more. 55 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

**Squash—White Bush Scallop****Stim-U-plant**

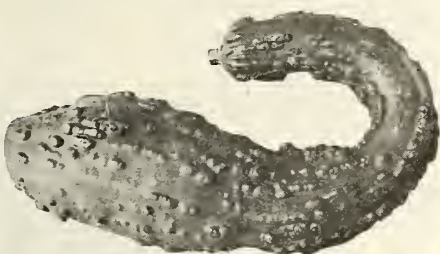
An all the year fertilizer for garden and house plants.

**Squash—Vegetable Marrow**

**Vegetable Marrow**—The favorite English Long White sort. The fruit is very desirable in size, from 9 to 19 inches in length and from 4 to 6 inches in diameter. Skin white, flesh white, and of rich flavor. This is distinct from all other varieties of squash. 65 days. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00, postpaid.

**Early Summer Crookneck**

Very early medium sized, about fifteen inches long and matures in 70 days. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. Is the most highly esteemed of all summer varieties. 60 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

**Early Summer Crookneck**

Winter Squashes are easily stored in a warm dry room. Be sure to leave part of the stem attached to the fruits.

**COLLECTION—Salad Greens**

Very few people are acquainted with salad vegetables other than head lettuce. We offer the following collection of palatable, deliciously flavored green vegetables, to supply greens from April thru the winter.

Chinese Celery Cabbage	Endive
Cos Lettuce	French Endive or Chicory
Corn Salad	Water Cress

One pkt. of each for 35c, postpaid.

**TOBACCO**

One ounce will plant an acre.

Grow your own smoking tobacco

**Cultural directions**—The plants should be started in a hotbed, or in pots or boxes in the house, and transplanted outdoors, three feet apart each way, when danger of frost is past.

**Connecticut Seed Leaf**—Is the hardiest variety in cultivation. Pkt. 10c, ½ oz. 40c, oz. 75c, postpaid.

**Fall or Winter Varieties**

**Red or Golden Hubbard**—This is identical in size, form and fruitfulness with the Chicago Warty Hubbard, the chief distinction being that the heavily warted skin is of a rich orange yellow, turning to a deep salmon red when ripened. It is of most attractive appearance, fine quality, and should be one of the most profitable market sorts. 105 days. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.65, postpaid.

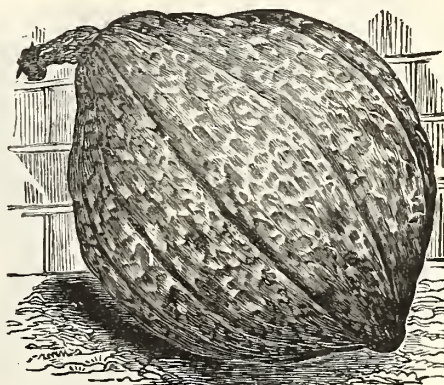
**Squash—Improved Hubbard**

**Improved Hubbard**—This old and popular favorite is still one of the very best winter Squashes grown; always richly flavored. The vines are luxuriant growers and very productive, yielding large squashes of dark bluish green color, weighing often 10 to 25 pounds each. Properly stored, it may be kept from September to May. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

**Delicious**—This fall and winter Squash is finer-grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 lbs. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. 110 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

**Boston Marrow**

Is a very popular squash, very productive fall and winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon-yellow color fine grained and of excellent flavor. 100 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.25, postpaid.

**Squash—Boston Marrow**

**Chicago Warty Hubbard**—It is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality. 110 days. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.50, postpaid.

**Table Queen**—Sometimes called Des Moines, Acorn, Individual, and Danish Squash. Cut in half and baked for twenty minutes, it will give you a delicious meal you will long remember, and if you like pie, try one from Table Queen. You will be pleased not only with the quality of this Squash, but you get so many from each seed planted, the vines being so vigorous and productive. The fruits are a nice size to handle, 6 to 7 inches long and 4 to 5 inches in diameter. The shell is hard and smooth, so that they keep as well as the Hubbard. The color is dark green, acorn shaped, makes an ideal individual squash. Table Queen ripens in the fall. Pkt. 10c, oz. 25c, ¼ lb. 60c, lb. \$2.00, postpaid.

**DON'T OVERLOOK OUR FAMOUS ROSE COLLECTION**



## TOMATO

Ger.—Liebesapfel.

Scand.—Tomat.

(One ounce will produce 2000 to 3000 plants.)

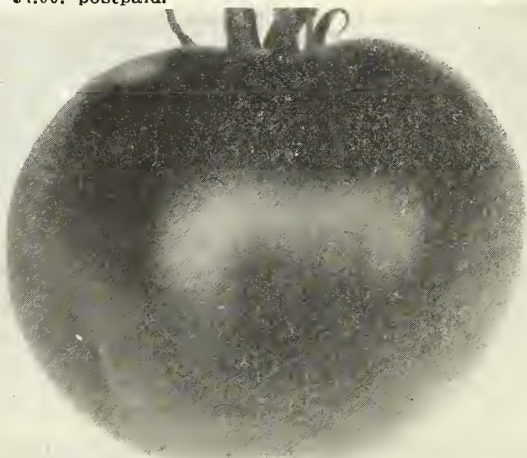
**CULTURE**—Sow early in hotbeds, and as soon as they have four leaves transplant into shallow boxes. Harden off, and set out as soon as danger of frost is past.

**New Alpha Pink**—The Earliest Pink Tomato in cultivation—The gardener who has a demand for pink tomatoes, will find Alpha Pink just what he has been looking for. In addition to its extreme earliness, it is much superior to Earliana in table quality, in handsome shape and attractiveness. The plants are of such vigorous growth that the finest fruits are produced, both extra early and until frost. The fruits set in generous clusters and each is of grand flavor. 90 days. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.35, lb. \$4.00, postpaid.



Tomato—John Baer

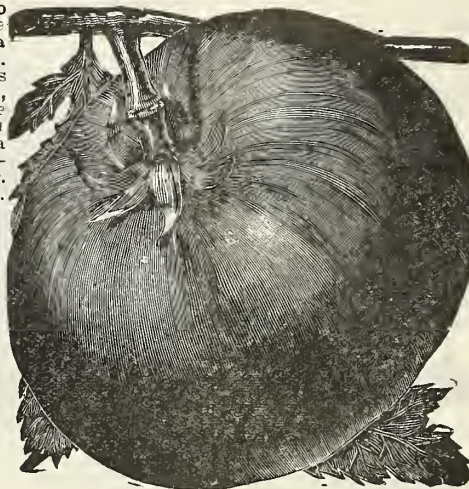
**John Baer**—The seed of this Tomato was purchased by us from one of the largest growers in the East, who recommended it as one of the earliest of all tomatoes, and our experience with it bears out this recommendation. The fruit is a bright red color of good size, round, smooth, very solid and producing very few seeds. 85 days. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20, lb. \$4.00, postpaid.



Tomato—Bonny Best

**Bonny Best**—An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright red; ripens evenly to the stem. It is a vigorous grower, quite productive and with splendid foliage for protecting fruit from the hot sun. 100 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20, lb. \$4.00, postpaid.

**Tomatoes, Melons, Spinach** and some other crops requiring rather long growing seasons, are materially benefited by a second application of fertilizer when half grown. Side dressings of Bone Meal should be scattered between the rows at the rate of four ounces to ten feet of row, when rows are spaced two feet apart; and pro rata for rows spaced a greater or less distance.



Tomato—Market King

**Avon Early**—New, extra early scarlet fruited variety. Produces good sized fruits, round or slightly flattened, deep scarlet in color, smooth, free from cracks and of fine quality. Very productive, as early as Earliana and bearing for a longer time. Avon Early is a decided improvement over Earliana. Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, postpaid.

**Spark's Earliana**—Plants are of compact growth with stout-joined branches.

Yields well and the fruit is solid and of fine quality; bright red in color, of good size. Ready for Market in 90 days. Pkt. 5c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20, lb. \$4.00, postpaid.

**MARGLOBE**—This fine second early, developed by the Bureau of Plant Industry, U. S. Dept. of Agriculture, produces large, smooth, meaty, globular red fruits, which ripen evenly, and are free from cracks. An extremely heavy cropper, immense yields of excellent fruits being reported from every region where tried. Especially valuable to those who are in districts troubled with rust and wilt, and particularly in the Southern States, as this strain is immune. Pkt. 15 cts.; ½ oz. 35 cts.; oz. 60c; ¼ lb., \$1.80, 1 lb. \$6.00.

## Important

By supporting the plant less ground space is required, the fruit will ripen better and less will spoil.

## NOTICE

Tomato  
Small Fruited Varieties  
—See Page 99.



Tomato—Golden Queen

**Golden Queen**—Fruit of good size and very smooth, solid and mild in flavor. Color is a bright yellow. Ripens early and is a prolific bearer. Many consider this yellow tomato to be of a better flavor than any of the red varieties, and it is less acid. 100 days. Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, lb. \$3.00, postpaid.

## Novelties

## Orange Sunrise

Is one of the earliest and most prolific in cultivation, either raw or cooked, Orange Sunrise possesses the finest flavor of any variety yet introduced and bears fruit of a beautiful orange color, medium size appearing in large clusters, suitable for indoor and outdoor culture. We are convinced that all who give the Orange Sunrise Tomato a careful trial will realize its high value, notwithstanding popular prejudice in favor of red Tomatoes it will succeed in establishing itself as one of our leading varieties. Pkt. 25c, ¼ oz. \$1.25, ½ oz. \$2.25, oz. \$4.00, postpaid.

## Market King

Early and prolific. It is one of the finest tomatoes for indoor and outdoor culture ever introduced (matures quickly from seed). The Market King sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruit smooth and of fine quality, medium in size and perfectly round. The color is bright scarlet and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop, for this reason it is very valuable for market purposes. Market King has won many awards and prizes. Pkt. 25c, ¼ oz. \$1.25, ½ oz. \$2.25, oz. \$4.00.



Tomato—Spark's Earliana



**TOMATO—Small Fruited Varieties**  
for pickling and preserving... Invaluable for garnishing.

Red Pear—  
Red Peach—  
Red Plum—  
Red Cherry—  
Red Currant—

Pkt. 10, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, postpaid.

Winter Cherry, or Purple Husk Tomato—Makes fine sauce.  
Yellow Cherry—  
Yellow Plum—  
Yellow Peach—  
Yellow Pear—

Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, postpaid

Ground Cherry, Strawberry, or Yellow Husk Tomato—Plants of low-spreading growth and immensely productive. The small yellow fruits are each inclosed in a husk. Of very sweet flavor, highly esteemed for preserving or making pies.  
Pkt. 10c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50, postpaid.

**TABLE TURNIP**  

Ger.—Steckruebe.                      Scand.—Turnips.

One ounce will sow 150 feet of drill; 2 pounds will sow an acre.

**Culture**—For early use, sow as soon as the ground can be worked in spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. The sowing should be made just before rain, if possible, a rapid growth being important.

For feeding stock in fall and winter there is nothing superior to turnips and rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely for we are sure the crop will prove remunerative.

**White Varieties**  
**White Milan—Extra Early**—Very small top, upright and compact; the clear white roots are very smooth, symmetrical and beautiful; there is no better turnip for early bunching; fine grained, tender and sweet. 45 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.15, postpaid.  
**Purple Top Milan—Extra Early**—Very similar to the White Milan except that the roots are a little more flat, and the top of the root is purple. 45 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.15, postpaid.  
**Early Snowball**—A medium globe shaped variety of pure white. Very solid and of the finest quality for table use. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.00, postpaid.

Turnip—Purple Top Strap Leaf

**Purple Top White Globe**—Round, globe shaped about six inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and fine for market. 70 days. Pkt. 5c, oz. 20c, ¼ lb. 30c, lb. 75c, postpaid.

**Purple Top Strap Leaf**—The most generally planted of any variety. It is a quick grower, the flesh is very fine grained and sweet flavored. The red top of the bulb extends down to where it rests in the soil. 55 days. Pkt. 5c, oz. 20c, ¼ lb. 30c, lb. 75c, postpaid.

**White Egg**—An old favorite, egg-shaped, perfectly smooth, firm and mild. 50 days. Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.00, postpaid.

Turnip—Golden Ball

**Yellow Varieties**  
**Golden Ball**—The most delicate yellow fleshed turnip; of medium size firm, hard and of superior flavor. Valued highly as a table variety. 70 days. Pkt. 5c, oz. 20c, ¼ lb. 30c, lb. 75c, postpaid.

**RUTABAGA—Winter Turnip**  
These require a longer season in which to grow than do other turnips; the seeds should be sown about the first to the middle of June.

**Bangholm**—The seed of this variety of Rutabaga is grown in Denmark by "Daehnfeldt," who has been awarded a first class certificate on several occasions by the Danish government for the Best Cropping Rutabagas. An oblong globular shaped root with small neck, yellow flesh, very dark purple top and is superior to all other varieties. 95 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.

**Rutabaga—American Purple Top**  
**American Purple Top**—This strain is of American origin and is a purple top yellow variety. Excellent for table use and also for stock feeding. A most desirable variety. 95 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.

**Large White or Sweet Russian**  
—This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. 90 days. Pkt. 5c, oz. 20c, ¼ lb. 45c, lb. \$1.00, postpaid.

Rutabaga  
Danish Bangholm

Rutabagas are highly nutritious as a table vegetable and profitable as food for stock and fowls.

BIRD SEED—See Page 122

SWISS CHARD—See Page 80

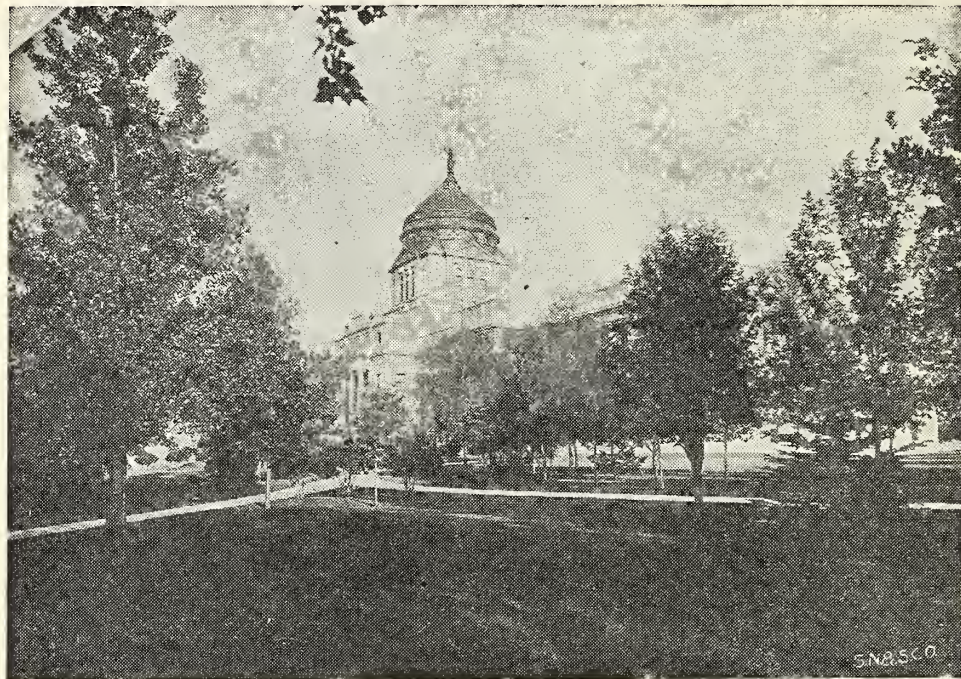
Our Fruit Tree and Shelterbelt Collections will save you money



## State Nursery and Seed Co.'s Rocky Mountain Lawn Grass Seed

The chief desire of almost every home owner, whether a town or rural dweller, is to possess a good lawn, and nothing adds to the appearance of a residence as much as a good lawn of thick growth and velvety appearance. A nicely kept sward, neatly trimmed, adds materially in beautifying any building or residence, and often too, becomes one of the chief selling features.

One quart will sow 200 square feet or 10x20; 10 lbs. for 2,000 square feet, or 40x50; 60 to 100 lbs. per acre or 43,560 sq. feet.



Grounds at the State Capitol, Helena, Montana, showing different varieties of our trees and lawns of Our Rocky Mountain Lawn Grass Mixture

All the seed contained in our Rocky Mountain Lawn Grass has been cleaned and re-cleaned by the most up-to-date and efficient machinery, and we have complete records as to their purity and germination.

Our Rocky Mountain Lawn Mixture is the very best that can be procured under any brand, at any price. Price for price, we are willing to place ours against any other mixture on the market, both for purity and germination.

### ROCKY MOUNTAIN

#### LAWN GRASS MIXTURE WITH DUTCH CLOVER

As there are many people who like white clover in a lawn we put up this special mixture; which has gained us many friends and is increasing in popularity. Postpaid—Pint 40c, quart 65c, 5 lbs. \$3.75, 10 lbs. \$7.25.

By express or freight at purchaser's expense—Pint 35c, quart 60c, 5 lbs. \$3.50, 10 lbs. \$6.75.

#### ROCKY MOUNTAIN LAWN GRASS MIXTURE

Same as the above Rocky Mountain Mixture but without White Dutch Clover.

Postpaid—Pint 35c, quart 60c, 5 lbs. \$3.50, 10 lbs. \$6.75.

By express or freight at purchaser's expense—Pint 30c, quart 50c, 5 lbs. \$3.25, 10 lbs. \$6.25.

#### SHADY PLACE LAWN GRASS MIXTURE

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The grasses used in making this special mixture are those that are well adapted for growing in shade.

Postpaid—Pint 45c, quart 80c, 5 lbs. \$4.25, 10 lbs. \$8.25.

By express or freight at purchaser's expense—

Pint 40c, quart 70c, 5 lbs. \$3.75, 10 lbs. \$7.25.

#### WHITE DUTCH CLOVER—"Peerless"—

This is frequently sown to cut green for chicks and fowls; also used largely in making lawns for which this variety is especially adapted.

Postpaid—½ lb. 40c, 1 lb. 70c, 5 lbs. \$3.40.

By express or freight at purchaser's expense—

½ lb. 35c, 1 lb. 60c, 5 lbs. \$2.80.

#### CREeping BENT GRASS—(West Coast Registered Seed)

Is particularly valuable for lawns that are to be used for croquet grounds or tennis courts on account of its compact creeping rooting stems, of rapid growth and spreading habit, forming a strong, durable turf, because it is benefited more than hurt by tramping and by its bright color, adds to the beauty of the lawn. 1 lb. \$2.00, postpaid \$2.10, 5 lbs. \$9.00, postpaid \$9.25.

The essentials for a fine lawn are: First, a rich, well drained soil; second, careful preparation of the ground, making it as fine and smooth and mellow as possible; third, a wise selection of seeds; fourth, sowing at such a time as to give the young plants a chance to become well established before being subjected to very dry or cold weather or to the direct rays of the hot, summer sun. However much care is bestowed on the soil and seed, no lawn will be beautiful without frequent mowing and rolling. Too much care cannot be bestowed upon the selection of grasses, as some varieties are the most luxuriant in spring, others in summer, others again in autumn and a combination of the proper sorts is required for a perfect, carpet-like lawn. If sown in the spring, sow as early as possible, making the surface very fine and smooth, then raking it over and sowing the seed just before a rain which, if the surface has just been raked, will cover the seed sufficiently. For fall seeding sow before the autumn rains and early enough to enable the young grass to become well established before very cold weather, when a light dressing of manure should be given. If you are planning a large new lawn write us. Our experts are at your command. Bear in mind that a beautiful lawn with trees and shrubs well arranged is the thing which gives great pleasure to the owner and all mankind who see them.

**Kentucky Blue Grass—(Super Grade)**—Once in about 5 years there is an extra fine quality of Blue Grass produced. This makes it possible to secure seed weighing 26 lbs. per measured bushel, fine plump bright seed. Ordinary seasons 21 to 23 lbs. seed is good weight. Buy Super Seed for your lawn this season.

Postpaid per lb., 65c. By express or freight at purchaser's expense, per lb., 60c, any quantity.

#### KENTUCKY BLUE GRASS—"Peerless Grade"—

We wish to call particular attention to the cleanliness of our Peerless Blue Grass, its the cream of the market.

Postpaid—1 lb. 55c, 5 lbs. \$2.75, 10 lbs. \$5.25.

By express or freight at purchaser's expense—1 lb. 50c, 5 lbs. \$2.35, 10 lbs. \$4.50.

#### KENTUCKY BLUE GRASS—"Placer" Grade)—

Used extensively for lawns and parking streets; also makes excellent pasture or hay.

Postpaid—1 lb. 50c, 5 lbs. \$2.35, 10 lbs. \$4.50.

By express or freight at purchaser's expense—

1 lb. 45c, 5 lbs. \$2.10, 10 lbs. \$4.00.

#### MIXTURES FOR GOLF LINKS

While there are on the market numerous ready prepared golf mixtures of more or less value, we have found that the best results are obtained by giving individual attention to each customer and making a special mixture to suit his needs. Write us a description of your links, telling what the nature of the soil is, how drained, how much it has the sun, whether the winters are long or open and whether the summers are wet or dry and we will offer you two or more mixtures especially adapted to the various parts of your grounds.

**PAMPHLET—ON THE PREPARATION AND CARE OF LAWNS, FREE.**

Rocky Mountain Lawn Grass makes the earth look better—our reputation is back of it all.

WRITE FOR SPECIAL PRICES ON LARGER LOTS





Our Warehouse and Seed Cleaning Plant

# FIELD SEED Department



A Corner in our Cleaning Department

## RELATION OF THE SEEDSMAN AND THE FARMER

If we would but stop and analyze the full meaning of the heading above we could not help but realize how closely linked and how really necessary to the other, each one is.

Just naturally the farmers business is production, and naturally he must produce the most per acre of those particular crops for which his land and location, with regard to variety and markets, are best adapted.

The seedsman's job is to select, clean, grade and carry in stock a quantity of adaptable varieties and to distribute these in quantities large or small and as promptly as possible with a cost as low as possible (allowing ordinarily for shrinkage losses in grading and cleaning out foreign and undesirable portions from field run produce) plus a legitimate profit whenever possible.

We use the words "whenever possible" because again the relationship springs up and like the farmer we are forced to sacrifice profits because of competition, misjudgment, or various other reasons which seem to interfere with the "get rich quick program."

In all the above we have tried to convey and emphasize that without you your produce and your general prosperity, we would undoubtedly be engaged in some other line of endeavor. Likewise without the seedsman, you would not have available, the variety and quality of seed, neither would you receive the benefits of increased market price of your produce due to the world wide distribution brought about thru the merchandising efforts of the seedsman. On the whole the farmer and the seedsman have everything in common; prosperity for one means prosperity for both, and we can do much by working together.

### SEEDING TABLE

An acre contains 43,560 square feet

	Broadcast	Drilled		Broadcast	Drilled
ALFALFA—For hay crop on irrigated land....	15 lbs.	12 lbs.	BROME GRASS—(Bromus Inermis) for hay		
ALFALFA—For hay crop on dry land.....	10 lbs.	8 lbs.	or pasture on irrigated land.....	20 lbs.	15 lbs.
ALFALFA—For seed crop, on dry land or			BROME GRASS—(Bromus Inermis) For hay		
sub irrigated .....	8 lbs.	6 lbs.	or pasture on dry land .....	15 lbs.	12 lbs.
ALFALFA—Pedigreed GRIMM, in rows 3 ft.			BLUE GRASS—For hay or pasture on irri-		
apart to be cultivated.....		1 lb.	gated land .....	25 lbs.	20 lbs.
CLOVER—Medium Red, for hay crop .....	12 lbs.	10 lbs.	ORCHARD GRASS—For hay or pasture on		
CLOVER—Sweet, for hay crop or to be			irrigated land .....	25 lbs.	20 lbs.
plowed under for green manure ..	15 lbs.	12 lbs.	RYE GRASS (Perennial)—For hay or pasture		
TIMOTHY—For hay or Seed Crop .....	10 lbs.	8 lbs.	on irrigated land .....	40 lbs.	30 lbs.
TIMOTHY AND ALSIKE CLOVER—for hay			MILLET—German, Hungarian, Siberian or		
or pasture .....	10 lbs.	8 lbs.	Hog, for hay crop .....	30 lbs.	25 lbs.
RED TOP—For hay crop or pasture .....	10 lbs.	8 lbs.	MILLET—Japanese or Billion Dollar Grass,		
			for hay crop .....	15 lbs.	10 lbs.
			SUDAN GRASS— .....	20 lbs.	10 lbs.

### GRAIN

WHEAT—4 pecks—1 bu. or 60 lbs.	BARLEY—2 or 6 row—5 pecks—1¼ bu. or 60 to 70 lbs.
OATS—4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.	BARLEY —(Hulless)—4 pecks—1 bu. or 60 lbs.
FLAX—16 to 30 lbs.	RYE—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.
PEAS—per acre 90 to 120 lbs.	SPELTZ—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.
CORN—Per acre drilled 15 lbs.	SPELTZ—4 pecks dry land—50 lbs. for grain.
	SPELTZ—5 pecks irrigated—60 lbs. for grain.
	CORN—For fodder or Silo, 75 lbs.



# ALFALFA SEED (Our Specialty)

INOCULATE THIS  
SEED WITH  
**STIMUGERM**  
For Best Results

## REGISTERED GRIMM ALFALFA REGISTERED GRIMM ALFALFA

INOCULATE THIS  
SEED WITH  
**STIMUGERM**  
For Best Results



Pedigreed  
GRIMM and COSSACK  
ALFALFA SEED

### HARDEST KNOWN

This Trademark is a  
"Sign of Seed Safety"  
Look for the Tag on the Bag  
Noted for its  
**HARDINESS, PURITY,  
QUALITY and DEPENDABILITY**

The original source of perhaps 90% of all the Registered Grimm in the state can be traced back to our house. We were the first to introduce and distribute this seed in quantity and without ego we can justly claim to be the foster father of a great industry within the state. Records and history substantiate this claim and we are still endeavoring to serve and distribute to our customers a first class quality of pedigreed stock in any quantity and at any time desired.

Montana Grown  
**PEDIGREED GRIMM ALFALFA SEED**  
Traced to original foundation stocks of Carver County, Minnesota fields.  
Produced by dependable growers, members M. S. G. A.  
Fields inspected for purity and trueness of type.  
Seed tested and graded.  
Bags sealed by Montana Seed Growers' Association.  
Tagged with official grade tags.  
**LOOK FOR THE SEAL AND TAG ON EVERY BAG**

Montana Grown  
**PEDIGREED GRIMM ALFALFA SEED**  
Classified and sold in three grades  
**Grade Extra No. 1** (Blue tag). Top quality. Sound plump seed, purity at least 99.5, no sweet clover or dodder.  
**Grade No. 1** (Red tag). Sound seed, purity at least 99.0, no sweet clover or dodder.  
**Grade No. 2** (Yellow tag). Certified as to variety only. No dodder. May have sweet clover in amount shown on tag. Purity as indicated on tag.

INOCULATE THIS  
SEED WITH  
**STIMUGERM**  
For Best Results

## COSSACK ALFALFA—(Registered Stock)

Prof. Hansen's Introduction

INOCULATE THIS  
SEED WITH  
**STIMUGERM**  
For Best Results

"The strongest and best of the hybrid alfalfas is the one I have named Cossack noted in bulletins 159 and 167. The Chemo Alfa, sister plant of the Cossack, has been consolidated with the Cossack as it is not possible to distinguish between them. The small spoonful of seed which I brought home from Russia in 1906 and named Cossack has been developed in the hands of many farmers so that the 1916 crop in the western part of South Dakota was fully One Thousand Bushels. In 1917 the crop of seed was reduced by crickets and grasshoppers. Many farmers have found by their own experience that Cossack is the heaviest and best seeder of any alfalfa they have ever tested. The dry season demonstrated the value of Cossack. Very favorable reports of the Cossack come from many sections, including the far northwest prairie region of Saskatchewan, Canada. We have only a small stock of Cossack seed available for the special growers who wish to get their start from good registered stock.

Montana Grown  
**PEDIGREED COSSACK ALFALFA SEED**  
Traced to original foundation stocks of Prof. Hansen's importations.  
Produced by dependable growers, members M. S. G. A.  
Fields inspected for purity and trueness of type.  
Seed tested and graded.  
Bags sealed by Montana Seed Growers' Association.  
Tagged with official grade tags.  
**LOOK FOR THE SEAL AND TAG ON EVERY BAG**

Montana Grown  
**PEDIGREED COSSACK ALFALFA SEED**  
Classified and sold in three grades  
**Grade Extra No. 1** (Blue tag). Top quality. Sound plump seed, purity at least 99.5, no sweet clover or dodder.  
**Grade No. 1** (Red tag). Sound seed, purity at least 99.0, no sweet clover or dodder.  
**Grade No. 2** (Yellow tag). Certified as to variety only. No dodder. May have sweet clover in amount shown on tag. Purity as indicated on tag.

We have to offer a comparatively small quantity of each of the unregistered Grimm and unregistered Cossack.

This seed was grown from originally registered seed on unregistered fields. Unregistered because registration was not applied for.

While this quantity lasts it will afford the hay producer to plant Grimm or Cossack at seed cost considerably under the registered seed price.

Write for samples and quotations, stating the quantity you desire.

SEE OUR SEED COLLECTIONS ON PAGE 73

For Prices See Page 112



# Montana Hardy "Selected" Alfalfa

OUR SPECIALTY

SOME FACTS WORTHY OF YOUR ATTENTION

Many years before other agencies began boosting Montana Alfalfa seed, the State Nursery & Seed Co. were spending hundreds of dollars each year telling the United States and Canada of the superior qualities of our (Montana) seed.

In 1915 we exhibited at the Worlds Fair in San Francisco what we believe to be the first hundred pound utility sample ever exhibited, for world competition, from this state. This was a sack of our Montana Hardy Peerless grade taken from stock. On this we won the gold medal or first prize, and in addition gave the world the information that Montana could produce superior Alfalfa seed.

Now comes the information from the Michigan Agricultural Experiment Station that the results of six years test show that Montana seed averaged 4.52 tons per acre compared with 3.98 for Utah and 3.70 for Idaho seed.

During the past two years when production was comparatively light due to unfavorable conditions on the Experiment Station Farm, Montana seed outyielded its nearest competitor by a ton to the acre. Other seed may at times cost less but what more convincing evidence can any one offer as to the comparative value of the investment.

## PEERLESS GRADE HARDY MONTANA ALFALFA

Is heavy, uniformly plump and bright as is characteristic of healthy seed carrying a strong germ and high productive qualities. Peerless grade is always at least 99 pure and usually above 99.5 . .

## PLACER GRADE HARDY MONTANA ALFALFA

Placer is our No. 2 grade. Not as uniform in color or quite as high in purity although this is consistently above 98 and carries practically no weeds, noxious or otherwise. Slightly "off color" due to weather conditions at maturing time, is its chief fault.

## QUARTZ GRADE HARDY MONTANA ALFALFA

Quartz is our No. 3 grade, therefore more variable in color and purity than either of the other two grades. However for those who want hardy Montana seed at a low price, this seed very often fills the bill. The demand and repeat orders on this grade are convincing evidence that it has a place on our list.

The purity and germination on this grade often runs as high or higher than that of our Placer grade and even though from a producing standpoint this seed is perfectly good, it has to be separated into a lower grade at a lower price principally because of color alone.



## TURKESTAN ALFALFA

Seed of this Alfalfa collected in Asia by Prof. N. E. Hansen of the South Dakota Experiment Station, was sent out several years ago by the United States Department of Agriculture. The results have been so very satisfactory that we have no hesitancy in recommending it as one of the hardiest and best varieties.

This seed is a native of Turkestan which borders Siberia. Climatic conditions are generally more severe, winter and summer, than the climate of Montana. This has, quite naturally, developed the hardy characteristics of Turkestan alfalfa as emphasized by those familiar with it.

We guarantee our Turkestan to be the genuine imported variety which contains the 10% Government stained seed thus assuring the purchaser of its origin.

We feel quite fortunate in securing and again being able to offer to our customers, this seed and at an exceptional value compared with other alfalfa seed prices.



INOCULATE THIS  
SEED WITH  
STIMUGERM

# CLOVERS

INOCULATE THIS  
SEED WITH  
STIMUGERM



Red Clover

ern and northeastern parts of the state, are pretty well adapted to Red Clover production. Adaptability plays an important part in production. Selection of northern grown, preferably Montana grown, seed for hardiness is the best insurance.

**Soil Requirements**—Red Clover can be grown on many kinds of soil, the most suitable being clay loams with a certain amount of lime and plenty of organic matter. Sandy loams give good returns especially on limestone foundation. Red Clover, however, generally prefers the heavier soils.

**Uses**—Red Clover has high feeding value and has excellent fertilizing value, adding nitrogen to the soil. It makes excellent hay, and for this purpose should be cut before the heads begin to turn brown. It is exceptionally fine for pasture purposes, but carries the same danger of bloat as does Alfalfa.

## CLOVER—Mammoth Red

**Botanical Description**—Mammoth is a large variety of the Red and for the most part is a perennial. Stems are long, coarse and more spreading. Mammoth Red is later than medium Red, blooming about 10 days after. It grows more slowly than medium Red and can generally be cut only once in a season.

**Cultural Conditions**—It requires the same soil and climate conditions as medium Red, but because of its stronger root system and perennial tendency, it is more apt to thrive under adverse conditions.

**Soil Conditions**—See medium Red.

**Uses**—Same as medium Red. Makes coarser hay but its greater luxuriance makes it a better soil improver.

## ALSIKE CLOVER

**Botanical Description**—Alsike Clover is a perennial with erect generally ascending stems which do not root at the base as do those of White Clover. They reach a height of one or two feet and branch in their upper parts. The whole plant is hairless and for this reason brighter in color than Red Clover. Alsike flowers are rose colored when fully developed and white when young. This explains why a blossoming head is generally rose colored in its lower part and white toward the top. Alsike obtained its name from a small parish in Sweden called Alsike.

**Cultural and Soil Conditions**—Alsike prefers localities with plenty moisture in soil and air. The most suitable soil is moist clay loam or clay with good lime content. It can be grown to advantage where soil is too wet for Red Clover, and with poor drainage, where Red Clover is a failure, Alsike will flourish. It has a rather shallow root system.

**Uses**—When grown for hay it is usually best mixed with Timothy or Red Top, thus producing finer quality. A good and very popular mixture for Montana is about 80 percent Timothy and 20 percent Alsike. Alsike is best cut for hay when in full bloom or a trifle later.

It produces usually one crop of hay a season but the tonnage is very heavy.

It is much esteemed for pasture because of its high feeding value. When sown alone, use about eight pounds an acre.

## WHITE SWEET CLOVER

**Botanical Description**—White Sweet Clover is a biennial with strong taproot and numerous leafy stems. The latter, which are generally much branched, reach a height of from two to five feet. Young plants resemble Alfalfa, but are recognized by the peculiar sweet odor and by the difference in structure shown by a cross-sectional cut of the stem. Sweet Clover presents a small tube-like appearance in the stem center. The flowers are white.

**Cultural and Soil Conditions**—Grows readily in nearly any soil or climate.

**Uses**—When young it is succulent and quite palatable for hay and pasture. When old and woody it loses much of its palatability. For hay purposes in Montana it might better be considered an insurance crop than a competitor of Alfalfa. It is sure to make a good crop of hay or roughage under conditions which might cause an Alfalfa crop failure.

It is quite popular for pasture purposes both for cattle and sheep. For fertilizing value it can hardly be excelled. It furnishes economical, quick and abundant nitrogen to the soil.

## YELLOW SWEET CLOVER

Yellow Sweet Clover is not far different from White except, as the name signifies, it has a yellow flower.

Generally speaking, the plant does not grow as rank as White, has more of a spreading growth habit and somewhat finer texture, thus making it a consistent gainer in popularity over the White for pasture purposes.

We know of and can offer proof of an instance where 30 acres of Yellow blossom offered abundant pasture for 700 ewes and lambs, continuing for three months.

At the present time the seed is cheap, and an exceptionally good investment from the fertilizing standpoint alone.

## WHITE BLOSSOM "ARCTIC" or Grundy Biennial

This is white blossom biennial sweet clover that grows from 3½ to 4 feet high; matures an abundance of seed that ripens three weeks ahead of common white Biennial. The outstanding advantages of this clover is that it grows to a good height for harvesting, but does not require clipping, thus getting away from the hazard of killing the clover by clipping improperly. It ripens early ahead of weeds and is ready to thresh and hull before small grain. It is very hardy and will withstand dry summers and hard winters. The seed is usually a little higher in price than the other varieties, but well worth all you pay for it. Fine for hay.

## CLOVER—Medium Red

**Botanical Description**—Red clover is mainly biennial. The year the seed germinates, the stems and leaves produced are of finer texture and not large and there are no flowers. The second year flowers are developed and seed is formed. As with most biennials, it has the characteristic taproot.

**Cultural Conditions**—Being a resident of the temperate zone, Red Clover succeeds best where summers are not too hot nor the winters too severe. Most parts of Montana, probably with the exception of the north-



Alsike Clover



**CLOVERS—Continued****ALTASWEDE CLOVER**

Altaswede is a product of artificial and natural selection from the late Swedish Red Clover which was introduced from Sweden in 1914 by the Dominion Seed Branch, Ottawa.

In the Spring of 1917 steps were taken to make an exhaustive study of the merits of this clover. Seed was collected regularly until 1920.

During 1918 extensive field experiments were undertaken in the experimental grounds. In 1919 some 500 samples of seed were distributed to many farmers in the province of Alberta to test under all soil and climatic conditions in comparison with red clover. This was repeated in 1920 and 1921.

From the data derived from the University at Edmonton and elsewhere in the province of Alberta, Altaswede has amply demonstrated its winter hardiness and superior merits for fodder and seed production.

**WHITE OR DUTCH CLOVER**

**White Dutch Clover**—Is a perennial. The stems are creeping and root at the joints. A single plant may thus spread over a wide area. From the stems, trailing along the ground surface, are developed upright leaves and flower heads, both provided with long stalks.

The heads of White Clover develop from the lower parts of the stem. White Clover was first developed in Holland; therefore the name Dutch Clover.

**Cultural and Soil Conditions**—White Dutch Clover grows naturally in meadows and pastures, does well in valleys and on mountains. It will grow on a great variety of soils from sand and gravel to rich loam and clay. It does best, however, on moist, well drained loams which contain lime and humus and is especially adapted to the moist medium warm climate. When other conditions are favorable, however, it will endure severe cold without injury and will stand drought providing the subsoil is somewhat moist, because while most of the roots are rather superficial, the main taproot penetrates to a considerable depth.

**Uses**—Because of its low growth it is not used to any great extent as a hay plant. Its chief value is for pasture, and in pasture and lawn grass mixtures.

It covers the ground quickly, has high nutritive value and stands tramping and close grazing exceptionally well.

**KENTUCKY BLUE GRASS**

**Botanical Description**—Kentucky Blue Grass is a perennial with a widely creeping rootstock. This produces runners and leafy shoots. The runners are underground stems carrying colorless scales instead of green leaves. They creep under the ground surface and produce upright stems from their ends. The upright leafy stems arise in bunches from their base. The stems are from one-half to three feet high and perfectly smooth. The stem leaves are comparatively short.

**Cultural and Soil Requirements**—It grows practically everywhere that agriculture is of importance—on dry hills and in wet marshes. For proper development, however, it requires pretty good soil, and extremes check its growth. It does its best on bottom lands where soil is loose and rich in humus with a good lime content. It is regarded as the king of all pasture grasses.



Kentucky Blue Grass

**Uses**—If grown for hay, it should be cut when in flower. Its feeding value is best at that time. It cannot always be relied on for a second crop of hay.

As before mentioned, it is the king of pasture grasses and serves well in pasture mixtures.

It is without doubt the best of lawn grasses and especially is this true under Montana conditions.

**TALL FESCUE**

Succeeds best in moist alluvial and strong clayey soils; is very productive and lasting; valuable for permanent pasture, is relished by stock and on rich land makes fine hay. Height 3 to 4 feet.

**MEADOW FESCUE**

**Botanical Description**—Meadow Fescue is a perennial with long, strong roots. It has short rootstocks and is therefore tufted but not so much as orchard grass.

Stems are from 18 to 36 inches high, smooth and slender. Leaves are long, broad and slight in texture. Brome and other grasses have panicles similar to that of Meadow Fescue.

**Cultural and Soil Conditions**—It does best in a soil rich in organic matter. It is well adapted to clay soil, although not quite so well as Orchard Grass. It can also be grown successfully on sandy land if sufficient moisture is available and the soil is not too shallow. It is better fitted for medium wet soil than Orchard Grass, especially in pasture, and stands tramping better. On the other hand, its deep root system makes it fairly drought resistant. It stands the cold exceptionally well.

**Uses**—Hay from Meadow Fescue is not as good as that from Orchard Grass. Its nutritive value is higher and it should be cut at flowering time.

It is a most excellent pasture grass, good milk producer, does well in pasture mixtures and withstands tramping.



Meadow Fescue

You can be absolutely sure of getting Clovers Suited for Montana conditions in our Medium Red, Mammoth Alsike, Altaswede, yellow or white Sweet. They are Home Grown.



**RED TOP**

**Botanical Description**—There are several varieties of Red Top, varying in height from two inches to four feet. The only ones of importance to agriculture are the taller varieties. Red Top has a creeping rootstock and runners. It does not grow in tufts but forms a dense sod as a result of its joint rooting habit. The leaves vary in size and number. The flowers are arranged in panicles with numerous branches.

**Cultural and Soil Conditions**—Red Top grows naturally in most localities. However, it is best adapted to light wet soils where its roots can develop freely. Wet bottom land not suited for other grasses is often the ideal place for growing Red Top.

**Uses**—Red Top makes good growth the same year it is sown and continues growth late in the fall. It makes a very fair quality of hay and especially has a place in grass mixtures for hay purposes.

It is very palatable and is relished by livestock in hay or pasture form.

It is a good sod developer and is used considerably for lawns. We recommend, however, that it be used preferably in a mixture with a large percentage of Kentucky Blue Grass rather than straight for lawn purposes.

**PERENNIAL OR ENGLISH RYE GRASS**

**Botanical Description**—This grass is a perennial with a creeping rootstock which develops bunches of leafy stems and shoots. The plant grows in spreading tufts. The stems are upright more or less elbow bent ascending and are smooth and slender, growing from one to two feet high. The leaves are dark green and folded together when in the bud. The flowers are arranged in a spike-like inflorescence composed of flattened spikelets in two rows. They turn their narrow side toward the main stem, differing from western Rye, which turns its broad side toward the stem.

**Cultural and Soil Conditions**—It prefers moist, rich clay loams. It can be successfully grown on marshy land or any good well drained soil. Although it is quite drought resistant, it is not recommended for districts where the summers are too hot and dry. It reaches its best yield at the second year but continues to give good yields for several years.

**Uses**—It is one of the oldest forage plants. It is very useful for hay and pasture purposes and sometimes is used in lawn mixtures. Its greatest nutritive value is immediately before flowering.

For pasture it stands rough treatment very well. Tramping seems to stimulate it.

If planted alone, 30 pounds of good seed an acre are enough.

**Perennial Rye Grass****Du Pont Semesan Disinfectants**

The Semesan Seed Disinfectants are the most efficient antiseptics for the control of seed, plant and soil diseases or fungoid growths that science has yet devised and provide a safe and effective treatment for practically all common agricultural needs.

Semesan is useful not only for cereal diseases but is also extremely effective for combating a diversified variety of diseases and infections that attack all kinds of farm and market garden crops, flowers, nursery plants, ornamentals and grasses.

**Brome****BROME GRASS (Bromus Inermis)**

Brome is a (top) grass. Persistent. Withstands drouth that kills all other grasses, is not sensitive to cold and dry weather and in regard to this is unexcelled. It does best on rich, fresh, humus-holding soils, loamy sand and sandy loam.

**Habits of Growth.**

Produces a close sod, a single cutting the year of sowing; two cuttings the second year. It becomes useful the second year and lasts twelve to fifteen years, second cutting almost equals first.

**Seed and Seeding.**

Good seed should test 83 percent to 90 percent purity and the same for germination. To sow an acre requires from 15 to 25 lbs.

**Uses.**

Develops a good sod, makes excellent pasture grass and fair hay. For hay it should be cut just before flowering for nutritive value.

**TALL MEADOW OAT GRASS**

This grass is particularly adapted to warm, dry climates, where Timothy will not grow. It is quite productive, stands pasturing well and remains green until quite late. It forms a very valuable mixture with Orchard Grass and Red Clover. It may be sown in the spring at the rate of two to two and a half bushels per acre, or where sown with Orchard Grass and Red Clover blended, proportionately.

**SLENDER WHEAT OR WESTERN RYE GRASS**

**Botanical Description**—Western Rye Grass is a perennial with a short rootstock not creeping. The stems and shoots are rather crowded and the plant grows in dense tufts. Stems and shoots are upright, the stems being from two to four feet high. The foliage is somewhat variable. The spikelets are always strongly appressed to the main stem, making the whole inflorescence narrow and slender—hence the name slender wheat grass.

**Cultural and Soil Conditions**—It grows naturally in dry soil and thrives best where water supply is limited. It does fairly well even on alkali ground, and the root being deep and strong, it is drought resistant and resistant to extreme cold. It is easy to grow, establishes itself the first year and gives its heaviest crop the third year.

**Uses**—It is one of the most valuable of western native hay grasses. Most types produce nutritious, succulent hay. Western Rye Grass does have a mixture of types. It should be cut previously to flowering time for the best hay.

Sow 15 pounds to the acre.

For Prices See Page 112



**ORCHARD GRASS**

Orchard Grass is a top grass with thick, bushy, little spreading tufts. Reaches full development the second or third year and lasts a number of years. It has quick and plentiful second growth and can be cut several times, the first cut before the bloom. When heavily seeded with other grasses gives good pasture and sends its roots deep into the soil. Grows quickly in the Spring and is especially adapted for alternate system of farming.

**Cultural Conditions.**

Likes humus loams and clay, does not do well on light sands. Because of its penetrating root system it withstands drouth and is comparatively productive in the shade where many other grasses fail to produce. Seeding requires from 18 to 24 lbs. per acre.

**Orchard Grass****HAND SEEDER****The CYCLONE —Saves Valuable Seed**

by even distribution. Uneven seeding is wasteful. The Cyclone will sow many acres per hour and any amount per acre. Does the work quickly—**Saves Labor.** It has been a success for more than 40 years. Many hundreds of thousands of Farmers in America, Canada, Europe and other countries have long relied on it for sowing clover, timothy, alfalfa, oats, wheat or any other seed that is sown broadcast.

**Construction:**—Its well known Double Feed: insures a uniform flow of seed. Slope Feed Board: keeps hopper properly filled. Feed Adjustment: is automatic and starts or stops flow of seed instantly. Distributing Wheel: scatters seed evenly. Throws equal amounts to equal distances on each side of operator.

**Price Postpaid \$2.50**

Timothy is a top grass. Persistent. Especially adapted to mountainous regions and does best on humus loams and clays, also on well drained swamp lands, does not do well on soil poor in lime or sour soil. It is a rough hay, nutritious and tender when young, liked by all stock.

**Cultural Conditions.**

Quite hardy, not sensitive to climate, roots penetrate deep making it withstand drouth fairly well. It is especially useful for hay and pasture purposes and should be seeded from 8 to 12 lbs. per acre.

**FOR PRICES SEE PAGE 112**

**GET ACQUAINTED WITH OUR FLOWER SEED COLLECTIONS**

**DUST OR LIQUID****Treatments****With****SEMESAN****Yield****Larger,****Disease-Free****Crops of Grain****Ask For****Booklet.****It's Free****Timothy****ALSIKE CLOVER AND TIMOTHY MIXED**

Where Alsike and Timothy are grown, together, and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. For this reason we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows, carrying about 20 per cent of clover.

**SUDAN GRASS**

Sow 10 lbs. per acre.

**The Greatest of All Forage, Grain and Hay Crops for Silo**

Sudan may be planted in cultivated rows, or close drills, or sown broadcast, but we recommend the last-named, using 25 to 30 lbs. of seed to the acre.

It is an annual and requires replanting each year; has no root stalks (as Johnson grass) and dies with the first frosts in the fall, is closely related to the sorgums (milo, maize, Kaffir corn, etc.) but yields far more abundantly than any of these and the hay has more fattening properties. The Government, in fact, estimates that its feeding value is only 3 per cent less than alfalfa, and much greater than timothy or any of the common hays, while stock of all kinds eat it in preference to even alfalfa. **THERE IS NO OTHER FORAGE CROP KNOWN THAT WILL RESIST DROUTHS LIKE SUDAN** and it is therefore particularly adapted to semi-arid regions, yet it yields immense crops under irrigation and in rainy climates. In brief, Sudan solves the hay and pasturage problem for a very large section of the United States.

**TIMOTHY**



## Permanent Pasture and Meadow Mixture

These mixtures in proper portions of adaptable grasses and clovers are becoming more and more important all over Montana and the Northwest.

They may be a selection of individually preferred mixtures or they may be recommended mixtures (as suggested below) which have been consistently used and proven the best for many conditions.

In either case we can furnish the mixtures or the varieties for home mixing preferred by the purchaser or if he has any special soil or climatic condition to combat we will, upon receiving proper information from him, offer advice and suggestions.

### THE HUNTLEY MIXTURE

A mixture recommended by the Federal Experiment Station at Huntley, Montana which has proven exceptionally good over a period of years.

20% Brome Grass  
20% Kentucky Blue Grass.  
20% Orchard Grass

20% Meadow Fescue  
10% White Dutch Clover  
10% Alsike Clover

This can be seeded at the rate of 16 to 24 lbs. per acre according to individual conditions. For the most part the heavy seeding is the more practical.

Another good mixture for which we have a consistent demand is as follows:

4 lbs. Brome Grass  
4 lbs. Orchard Grass  
3 lbs. Timothy  
3 lbs. Kentucky Blue Grass

3 lbs. Alfalfa  
3 lbs. Medium Red Clover.  
2 lbs. Alsike Clover  
2 lbs. Tall Meadow Oat Grass.

Seed at the rate of 24 lbs. per acre.

**Fifteen Acres of Mixed Pasture** carried 20 head of cows, 15 head of calves and 3 brood sows. We fed no hay and the pasture increased the milk flow about 20%—Edson Gould, St. Ignatius.

### ANNUAL OR SUMMER PASTURE

Annual pastures in providing against feed shortage are usually composed of the millets, Sudan grass, peas, rape or the sorghums. Often a mixture of oats, sudan grass and red clover are used. The oats for early summer, Sudan at its best in mid summer and the clover providing some Fall pasture.

### ZAWADKE ALKALI GRASS.

One of the best recommendations including instructions for planting Zawadke Grass and its uses are included in the following letter:

Kalmath Falls, Oregon.

We purchased a few pounds of seed of Zawadke's Alkali grass, slightly over two years ago. This seed was sown on heavy alkali land that had previously grown no crop, one plot being on black alkali and the other on white. The field of black alkali was a little slow in coming, but looked good the second year and this year looks particularly good and will no doubt cut around two tons of hay per acre.

I do not hesitate to recommend this to anyone whose land is spotted with alkali, but would suggest in planting that every precaution be taken in order to insure a stand right from the start.

C. A. Henderson, County Agent.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

## FIELD PEAS

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

(60 to 75 lbs. per acre in drills; 75 to 120 lbs. Broadcast)

Peas are second only to clover in their soil-enriching properties and can be grown under any conditions of soil or climate. There is always a ready market for peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled. Peas are a paying crop and can be profitably planted in many ways.

They can be grown alone for fodder purposes and green manure but for a dairy feed it is far more profitable to mix them with oats, rye or barley. The best time to cut for hay is just when the oats are heading out. This hay is of the highest quality and extremely nutritious. Cattle, horses and sheep thrive on it and it will surprise you how much of it will be produced on a small acreage.

**White Marrowfat**—These large handsome Peas are equally as profitable to grow as a field crop and on account of their size are salable at all times at the top of the market, as well as providing the table with an extra good pea during summer. Very heavy yielder, producing from 30 to 40 bushels per acre: these peas being softer than the Canada Pea, are preferred by hogs or stock.

**Alaska**—An early maturing Pea which is becoming quite popular because it stands up well in the field, and can be cut from either side, and is a heavy yielder. This is one of the varieties sought after by the canners.

**Mixed Peas**—Suitable for a crop for either hogging or sheeping off. An economical way to harvest this crop and a profitable one. There are usually two or more varieties in the mixture too near alike in size or shape to separate but just as good as the best stock from a feeding value standpoint.

**Seeding**—Peas are vigorous hardy growers and make the best growth during the moist cool season of the year. The soil should be, preferably plowed in the fall, disced well in the spring and the seed sown as early as soil and weather conditions shall permit, either in drills or broadcast, at a depth varying from 2 to 4 inches. The rate of seeding is from 1½ to 2 bushels per acre when sown alone. When sown with oats, which is a very popular practice for soiling purposes, 1½ to 1¾ bushels of peas and 1 to 1¼ bushels of Oats are required per acre. Average yields of such a mixture vary from 10 to 20 tons per acre.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

### VETCHES

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

Like all leguminous crops, Vetch gathers nitrogen out of the air and deposits it in the tubercles on its roots. In order to carry out this process it is necessary that the seed be inoculated or the young plants will not grow as healthy and vigorous as otherwise. Although many of our customers report they are able to grow without inoculating, it seems that one is taking chances when inoculating can be done easily with Farmogerm.

**Winter Vetch**—Known also as sand or hairy Vetch. Although called Winter this variety must be sown in Spring in Montana as it will not withstand our Winters, its advantage is that usually it produces a heavier tonnage per acre than the Spring Vetch. This variety requires a good soil, is frequently sown with oats or barley, with which it makes excellent feed.

**Spring Vetch**—This is a very valuable forage plant and is rapidly becoming popular each year as the farmers are learning more of its great value for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor light land. It improves the soil, being a great nitrogen gatherer. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. May be sown with about half bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive.

FOR PRICES SEE PAGE 112

GET ACQUAINTED WITH OUR VEGETABLE SEED COLLECTIONS



**MILLETS**

**WHITE WONDER**—The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

**GOLDEN OR GERMAN**—In the north, Millet is sown almost altogether for hay and for that purpose southern grown seed is much the best. It grows taller than does that from northern seed, and that means more hay. It is finer than that from the northern seed, and that means better hay. Millet seed produced in the north, even from southern seed, becomes what we call Common Millet. Not only does the plant change in character becoming coarser and much more dwarf, but the seed itself shows a change and is readily distinguished by those experienced in handling it.

**SIBERIAN OR KURSK MILLET**—This variety was first introduced into the United States from Kursk, Russia, in 1898. Extensive experiments were conducted at both the South Dakota trial stations which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay has been far ahead of Golden or Hungarian Millet. In favorable years the difference has not been so great but the results have always been in favor of the Kursk Millet.

**HUNGARIAN**—(Dark Seed)—Often called Hungarian Grass. Many regard this as being better even than Golden Millet as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It can be sown as late as the 4th of July with good results.

**JAPANESE**—"Billion Dollar Grass"—Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. Sow 10 lbs. in drills; 15 lbs. broadcast to the acre.

**PROSO TYPE MILLETS**

**Early Fortune or Red Proso**—This red form of the proso or hog millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting.

**HOG OR BROOM CORN**—This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry or young chicks.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

**FIELD BEANS**

**Great Northern Navy**—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked bean are "par-excellence." Sow 16 to 24 lbs. to the acre.

**Small White Navy**—The popular Bean a few years ago, which now seems to be coming back to its own, being of small size. Use only 10 to 12 lbs per acre. Splendid cooker and yielder.

**Mexican Red or Chili**—A heavy yielder, hardy, drought resistant, and an excellent baking bean. The seed is similar to the Great Northern in shape, but is red in color. Originally obtained from one of the Ft. Berthold tribes.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

**SOY OR SOJA BEANS**

Valuable for silage, hay, for hogging off and as a soil improver. They resemble the navy bean in appearance but grow considerably taller. When planted with corn for silage the total yield per acre is increased and the feeding value of the silage improved. For hay they are valuable as an emergency leguminous crop where clover has been winter killed; equal to clover in feeding value and one of the best annual clover substitutes. Like clover they gather nitrogen from the air.

For hay, plant 60 to 90 lbs. per acre in rows 20 to 36 inches apart. Harvest when pods are well filled and leaves commence to fall. For hogging off, plant 30 to 60 lbs. per acre in rows 20 to 42 inches apart. 20 inch rows can be made by straddling every other row with the corn planter. As soon as the beans are mature turn in the hogs to harvest the crop.

**Varieties**

**Wisconsin or Early Black Soy Beans**—Be sure to get the genuine extra early variety. They grow from 18-30 inches high and mature in 65 to 70 days. They are one of the best yielders of beans and best suited for hogging down.

**The Manchu**—is a good yielder and hence is popular with the farmers. The yield runs around 20 bushels to the acre and the oil content is from 18 to 24 per cent. In habit of growth the Manchu is low branching.

**Ito San**—is earlier than Manchu with a good growth, but with somewhat lower oil content. In general it is a good yielder and one of the best early beans. The yields of Ito San are about 15 bushels of seed per acre and the oil content runs from 15 to 17 per cent.

**SORGHUM OR SUGAR CANE**

**SORGHUM**—Minnesota Amber Cane—This is the type best suited for syrup.

The early Amber is the most common variety of Cane grown. There are two ways of planting it; one is by broadcasting, sowing from one to two bushels per acre, the other is to drill with a corn planter and cultivate the same as you would corn. It can be grown on any soil or in any climate from Maine to California. It will thrive on the richest land you have, or on the poorest, and it is one of the greatest destroyers of obnoxious weeds in existence. It can be sown any time in May or June and be harvested any time between the time it is a foot high and the first freezing weather. Cane is without doubt one of the greatest producers of high quality forage which has ever been discovered. The West has learned to appreciate the wonderful qualities of this great forage crop.

**SOUTHERN AMBER CANE FOR FORAGE AND PASTURE**—The cane plant produces from three to eight tons per acre of cured forage and it will withstand drouth and other unfavorable conditions that would mean death to any other crop.

**FETERITA**

(3 to 4 lbs. per Acre in Drills)

**FETERITA**—A wonderful grain which has attracted considerable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family.



Kaffir Corn

**KAFFIR CORN**

**Kaffir Corn—White Seeded**  
An excellent fodder plant, yielding two crops of fodder during the season. It grows 4 to 5 feet high, making a straight upright growth. The stem or stalk bears enormous wide leaves. The stalks are brittle and juicy not hardening like other varieties of Sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy. Sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 lbs. to the acre. For fodder sow 40 to 50 lbs. either broadcast or in drills.

**Kaffir Corn—Red Seeded**  
Similar to the white variety but preferred by many growers.

**BUCKWHEAT**

(35 to 40 lbs. to the Acre.)

**SILVER HULL BUCKWHEAT**—The grain is of a beautiful light gray color, and has a thin husk. Millers prefer Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive and the grain meets with a more ready sale. Under favorable conditions it will yield 40 to 50 bushels an acre.

**JAPANESE**—The grain is large. It yields heavy, ripens early, stands up well, and the flour is fully equal to any other. It remains a long time in bloom and is excellent for bee pasture.

OUR DAHLIA, IRIS AND PEONY COLLECTIONS WILL SAVE YOU MONEY

For Prices See Page 112



**FLAX**

**Russian**—The standard sort used in the northwest. It requires special machinery to make seed of any grain and this is especially true of flax. Cleaning Flax so as to make it "right" for seed is a somewhat expensive operation and involves a very considerable waste. But write for sample, use the magnifying glass and compare it with flax from the farm or elevator and judge for yourself if our seed is worth to you all it costs. Spray your flax with formaldehyde before seeding.

**SUNFLOWER**

(10 lbs. to the Acre)

**SUNFLOWER FOR SILO**

There has during the past few years been a good deal of experimenting with Sunflower for Silo work and with very gratifying results. The best proof for this is the increasing number of silos being built and contemplated to handle the crops. The dry land farmer should be particularly interested in this crop as it means so much to him in tonnage or fodder. It will yield 200 to 300 per cent more than any other crop we know of and is relished by stock and dairy cattle. Bankers will make loans easy where a crop of sunflowers is in sight.

**SEEDING AND CULTIVATION**

Sow sunflowers in rows wide enough apart to permit cultivating between them at the rate of about 10 lbs. per acre. Cultivate frequently until the plants are from 12 to 18 inches high.

**Mammoth Russian Type**—Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by farmers and poultry breeders who have tried it. It can be raised cheaper than corn, and is destined to be an article of great value.

**RAPE**

(Sow 2 to 3 lbs. to the Acre in Drill; 5 lbs. Broadcast)

**Use of Dwarf Essex Rape**—Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter, Slough lands are excellent. This plant may be grown successfully in the following ways, viz: 1. In the early spring, to provide pasture. 2. In June or July, on well prepared land to provide pasture. 3. Along with grain using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a "catch" of clover. 5. As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by corn stalk disease. Prevention is better than medicine in regard to this fatal disease. 7. Along with rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not bleach, wash or drift. 9. To plow under as a green crop, adding humus to the soil, an element needed in grain growing sections. When rape is sown broadcast 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart and cultivated, from 2 to 3 lbs. per acre will be enough.

# REGISTERED SEED GRAINS

(SEE COLOR PAGE)

The varieties listed and described below are offered primarily for their following merits: Increased yields, early maturing, trueness to type, name and variety.

Pure foundation stocks to occasionally replace your old and perhaps degenerated or mixed stocks has the same importance in your grain production as does a good registered bull to the herd in your beef production.

The cost of seed stocks cannot and should not be based on the price per hundred pounds of seed but on price per acre. The average increase in yield per acre of good pure adapted seed has proven that the purchase even at premium prices is economical. The quality of early maturity speaks for itself and under our varying frost-free periods in most sections of the state it is mighty good business to give that quality its proper emphasis when selecting your seed.

In choosing your seed read carefully the history, description, and performance of the Pedigreed Stocks listed below.

**"REGISTERED" HORN BARLEY**

An outstanding bearded two rowed hulled variety which has proven to be the best yielder under dry farmed conditions in Montana. At the Judith Basin Branch Station, Horn Barley has outyielded the best six rowed variety by about 5 bushels per acre. It is the leading variety at the Havre station. This variety is a pedigreed selection made by the Minnesota Experiment Station from stocks of Austrian origin. It is taller than other varieties of the two rowed class.

**"REGISTERED" TREBI BARLEY**

A bearded six rowed hulled variety which has proven to be the highest yielder under irrigated conditions. At Bozeman this barley has consistently produced more feed grain per acre than any other variety or kind of crop grown. It is rapidly displacing all other barley varieties in the irrigated sections of Montana and Idaho. It is a good performer under dry land conditions in the more favorable seasons. This barley is a pedigreed selection made by the Minnesota station from stocks originating in Turkey.

**"REGISTERED" VICTORY OATS**

This variety of oats is the best for general conditions obtaining in Montana. It is outstanding in quality having won World's Sweepstakes for seven consecutive years at the International Show. At the Bozeman station, it has outyielded the Swedish Select by 6 bushels per acre. Victory oats were developed from a single plant of the Probstier variety by the Svalof (Sweden) Station.

**"REGISTERED" MARQUIS WHEAT**

(Wheeler 10B Strain)

Through careful tests and observations made by the Agronomy Department of the Montana Experiment Station, the 10B strain developed by the famous Canadian Wheat Breeder, Seager Wheeler, was selected as the outstanding strain. This strain is remarkably free from bearded mixtures which are so evident in the original stocks of Marquis. It can be expected to outyield the ordinary Marquis by two to four bushels per acre under average Montana conditions.

**"REGISTERED" SUPREME WHEAT**

An early high yielding hard red spring wheat closely resembling Marquis. At the Bozeman, Judith Basin and Havre experiment stations this variety has outyielded the best strains of Marquis by 6, 6½ and 2 bushels per acre respectively. It is recommended for most of the higher areas of the state and is being tested out in the eastern portion of the state, where it's known susceptibility to rust attack may be a practical weakness. This variety was developed by Seager Wheeler, the Canadian plant breeder, from his original but somewhat unsatisfactory Red Bobs variety. The defects were avoided in the Supreme selection.

Our Fruit Tree and Shelterbelt Collections will Save You Money

For Prices See Page 112



# STANDARD SEED GRAINS

## OATS

**PRESIDENT**—An exceptionally good, plump, straight type, heavy yielding white oats. On general appearance (which is the important factor when offering your crop for market) this variety of oats has consistently, for the past four years, been superior to any we have listed.

**VICTORY**—The smallest spikelets bear a certain resemblance in panicle construction to the Golden Rain oat, but it is easily distinguished from the latter by its white, slightly bearded (not altogether awnless) grain. This variety is very highly recommended by the Montana Experiment Station because of its consistent high yield performance on both dry and irrigated land. It is the best dual adapted oat, in respect to either dry or irrigated conditions known.

**SWEDISH SELECT**—These originated in Sweden and for years have been one of the dependable standard varieties over the entire Northwest. Our stocks are selected from the best and purest obtainable, are of exceptional quality, thoroughly re-cleaned and graded.

**MONTANA WHITE**—A large plump, early maturing, very good yielding, white oats of splendid appearance and grade. A sample will convince you of their quality.

**HULLESS OATS—OTTOWA NO. 480**—These oats are principally produced as a cereal, chick feed or for use in any feed where oats groats are needed and desirable. Their principal fault lies in the fact that they are not very smut resistant. It is therefore advisable to treat before planting.

One of our growers produced data which showed an average of 56 bushels per acre.

Considering that the fibre content of such a crop is extremely low and that the product is practically all "meat" we would say the feed value per acre is exceptionally high.

## SPRING WHEAT

We want to especially call your attention to the fact that the Spring wheat varieties offered below are something superior to the ordinary standard varieties commonly offered.

In our hard red milling varieties of Marquis, Supreme and Garnet we furnished, on contract, pedigreed seed in every case, to our seed growers, who were in turn, under contract to plant on only clean summer fallow ground that had not been planted to wheat the year previous. These fields produced good, pure, straight line varieties for our customers. While we did not go to the additional expense of registering these fields, we can assure you that for all practical purposes you are receiving seed of the same merit as though it were registered.

**MARQUIS**—Our Marquis seed offered is grown from the pure 10B strain which has proven itself to be the highest yielding, earliest maturing strain of Marquis for Montana hard spring wheat sections. Chief characteristics are that it is beardless, good straw, fine milling qualities and higher yielding and earlier maturing than ordinary Marquis. Our seed was grown from 1928 pedigreed stock.

**SUPREME**—In the Spring wheat sections Supreme is becoming so well and favorably known that nothing new can be said about it. At the Bozeman, Judith Basin and Havre stations it has outyielded the best strains of Marquis and throughout the State generally is maturing from two days to eight days earlier than Marquis. It has the appearance of Marquis, very high milling qualities and very resistant to disease. Our Supreme was grown from 1928 pedigreed stock.

**GARNET**—Is a hard red Spring milling variety, yields good and has stiff straw. In the early stages of heading it has a disappointingly slender appearance but in the latter stages it fills well (with average favorable conditions) and produces a heavy yield of fine quality wheat closely resembling Marquis. Our stock was grown from 1928 pedigreed seed imported from Canada.

**FEDERATION**—Imported in 1914 by the U. S. Department of Agriculture. In a five year test at the Aberdeen Station under irrigation it outyielded all other varieties by 4.9 bushels per acre. It has a medium short strong straw, is a good stooler and beardless.

It is recommended as having better quality than the Dicklow or Club varieties and weighs more per bushel. H. L. Cram, our grower, who has produced our Federation seed for several years and was formerly a producer of Club wheat, says that it averages ten days earlier than Club wheat, yields as heavily and requires less water. Our Federation is the "Not white, not hard variety" and has satisfactorily replaced the Club types.

## WINTER WHEAT

In winter wheat we offer three standard, dependable varieties. The varieties below are outstanding for their performance under general Montana conditions and are three of the four highest yielding varieties on the market.

**NEWTURK WINTER WHEAT (Beardless)** Newturk is a beardless cross, Newton on Turkey Red and aside from its beardless characteristic it has good strength of straw, is quite disease resistant and has very good milling qualities.

At the Bozeman Experiment station, under irrigation, it produced an average of 74.4 bushels per acre for five years. At the Moccasin Experiment station, under dry land conditions, it averaged 34.7 bushels per acre for four years. The stock we offer in this variety is pedigreed seed.

**KARMONT WINTER WHEAT**—Karmont is a bearded, high yielding Kharkof selection. It has very good strength of straw and milling qualities and is very disease resistant. A four year average at the Moccasin station on dry land gives it an average yield of 34.7 bushels per acre.

**TURKEY RED WINTER WHEAT**—Turkey Red is perhaps too well known to need any description. It has been consistently a good dependable performer for years and while its four years average at Moccasin on dry land (32.4 bushels per acre) is not as high as Newturk or Karmont, we can hardly discount its value, for it is yet probably the most popular wheat we have.

For Prices See Page 112



### SPRING RYE

**SPRING RYE**—True stock. Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. For the dry farmer needing a sure crop of hay, Rye can be depended on to produce a good tonnage of excellent hay. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality. We call particular attention to the fact that we offer genuine Spring Rye.

#### PREPARE NOW FOR SPRING

The demand for good seeds is insistent. The Department of Agriculture, Washington and State Experiment Stations are of constant benefit to farmers. Watch them—they will advise well. They consistently advocate good seeds of known origin. Our business is to supply the best. WE DO. The accumulated endeavor of years, as represented in our business, is at your service. Thousands of customers year in and year out can testify to our high grade seeds and to our service.



Spring Rye—Yield 22 bu. per acre on dry land

#### FALL RYE—(For Spring Use.)

Fall Rye planted in the Spring on either dry or irrigated land for pasture purposes gives surprisingly satisfactory results. The stooling characteristics emphasized by the Spring conditions makes an early abundant pasture.

**FALL RYE—Amber**—Winter Rye is much hardier than Wheat and can be grown in a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain, fodder, soiling purposes and green manure. Sow Aug. 20th to Sept. 15th—1½ bu. per acre if for grain, and 1½ to 2 bu. per acre for Fall pasture. If drilled 2 to 2½ in. deep there will be less danger of Winter killing. Our seed is selected, graded, and thoroughly cleaned.

**FALL RYE—"Rosen"**—Rye cross-breeds like corn. In this respect it differs from wheat, which will not cross fertilize if two or more kinds are grown together for years. To keep a pure rye pure, it should be grown away from a common crop, like you must grow yellow corn distant from white corn.

Farmers who have grown rye know that 15 to 20 bushels per acre is about what they can expect. Such farmers, who, changed to the Rosen Rye, are now getting 25 to 30 bushels, and 40 to 50 bushel yields are not very uncommon.

#### SAMPLES

We are always ready and willing to send samples of all grass and field seeds for your inspection. Don't hesitate to write and request samples in these lines at any time. We want you to know just what our seeds are before you buy and we will ship exactly the quality we furnish as sample.



Barley—Faust's Blue Hull-less and Beardless

### SPELT



Spring Spelt or Emmer

is very similar to Barley in appearance and growth, and is especially adapted to the semi-arid districts of the Northwest and can be relied upon to produce a fair crop even under the most adverse conditions. It produces heavy yields of grain, and straw which is equal in value to oat straw. Its extreme hardness and drought resisting qualities, together with yielding qualities that surpass any other cereal makes it a grain of the utmost importance to the farmers in the North and Northwest.

Our seed stock has been bred up from the most hardy, high yielding strains, and has been carefully re-cleaned and graded and we believe that we are in a position to furnish you with the best that can be produced, and we know that it will prove to be the cheapest and best feed which you have ever grown upon your farm.

#### GROWING THE CROP

**Soil**—It will grow on any soil or in any climate where any other grain crop will grow.

**Preparation of the Seed Bed**—It can be sown on ground prepared the same as that upon which you would plant barley, wheat or oats. It is sown broadcast or by the use of a press drill.

**Harvesting**—Cut the grain when it is a little past the milk stage, when it will make splendid grain and lots of straw.

#### BARLEY

**TREBI**—A 6 row introduction especially suited for irrigated lands. Bozeman reports their average for the two past seasons as 95 bushels per acre. Aberdeen Station (Idaho) reports average yield for 8 years 79.8. Trebi requires less time to mature than Chevalier. The straw is of medium height, and fairly stiff, so that it is less likely to lodge than other varieties. Recommended principally for irrigated land.

**HORN BARLEY**—An outstanding bearded two rowed hulled variety which has proven to be the best yielder under dry farmed conditions in Montana. At the Judith Basin Branch Station, Horn Barley has outyielded the best six rowed variety by about 5 bushels per acre. It is the leading variety at the Havre station. This variety is a pedigree selection made by the Minnesota Experiment Station from stocks of Austrian origin. It is taller than other varieties of the two rowed class.

**HANNCHEN**—Two Row, Has for years been known as one of the best and most consistent yielders of the two row type. It is generally so well known that no detailed review of its performance or characteristics is needed.

#### SIX ROW COMMON

An unidentified variety of good six row hulled barley. Not averaging as high in yield as the Trebi but never-the-less from a very fair yielding good quality stock thoroughly re-cleaned and graded.

**FAUST'S BLUE HULL-LESS AND BEARDLESS BARLEY** Is the latest improved strain of the blue hull-less varieties. Besides the added characteristic of being beardless it has proven itself to be by far the highest yielding of all hull-less types. The feed value of this variety is the highest of all barleys and 35 to 40 bushel yields are very common.



FROM

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Town

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# State Nursery and Seed Co.

*(The Big Seed House of the Northwest)*

Helena,

Nurserymen—Seedsmen—Florists.

Manufacturers of Dairy and Poultry Feeds.

Montana



OUR "PEERLESS" BRANDS OF FARM  
AND GARDEN SEEDS  
PRODUCE  
GOOD  
CROPS

Plant  
Bulbs in the  
Fall for  
Spring  
Floral  
Delights.

• We are  
Headquarters  
For Insecticides  
and  
Sprayer

WE STAND BEHIND  
OUR  
HARDY GROWN

SHRUBS SHADE and FRUIT TREES

PLANT PERENNIALS FOR PERMANENT PLEASURE.



USE THIS SHEET FOR SEEDS, BULBS AND SUPPLIES

# STATE NURSERY & SEED CO., Helena, Montana

NURSEYMEN—SEEDSMEN—FLORISTS

MANUFACTURERS OF POULTRY AND DAIRY FOODS

Date.....192..... Amount Enclosed \$.....

ZONE ORDER NUMBER

NAME .....  
(Use Name of Head of Family. Write Very Plainly)

Do Not Write in These Spaces

STREET AND NO..... R. F. D.....

POST OFFICE..... Box.....

Freight or  
Express Station..... STATE.....

IS THERE A FREIGHT AGENT AT YOUR STATION?  
(If Not, Send Sufficient Money to Prepay Charges) } YES OR NO

SHIP BY — MARK X AFTER METHOD OF SHIPMENT DESIRED — PARCEL POST ☐ EXPRESS ☐ FREIGHT ☐

If out of variety ordered, have we your permission to substitute equal or better?.....

In case price has declined or advanced, shall we fill order for amount allowed?.....

1929

JUN 15 1929

STATE NURSERY & SEED CO., do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money paid for them will be promptly refunded.

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
1						
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19						
IF YOU HAVE ANYTHING TO WRITE US WITH THIS ORDER, PLEASE USE A SEPARATE SHEET.					Total—or Carried Forward	

IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM, THEY WILL BE MAILED FREE.



**NOTICE—KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK.**

Quantity	KEEP A COPY	NAME OF ARTICLES WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
If you have changed your address since last ordering, please give old address below.			Total Brought Forward		
20					
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41					
42					
			TOTAL		

PARCEL POST RATES within the United States		First pound or fraction	Each additional pound or fraction
RATE TO CANADA, 14c PER POUND OR FRACTION THEREOF.			
First Zone within 50 miles of Helena.....	7c	1c	
Second Zone within 50 miles of Helena.....	7c	1c	
Third Zone within 50 to 150 miles.....	8c	2c	
Fourth Zone within 300 to 600 miles.....	8c	4c	
Fifth Zone within 600 to 1000 miles.....	9c	6c	
Sixth Zone within 1000 to 1400 miles.....	10c	8c	
Seventh Zone within 1400 to 1800 miles.....	12c	10c	
Eighth Zone all over 1800 miles.....	13c	12c	

IF YOU HAVE CHANGED YOUR ADDRESS, IT IS IMPORTANT THAT YOU FILL IN THE FOLLOWING. My Old Address was

**POST OFFICE** .....

R. F. D. No. .... BOX NO. .... STATE ....

**SPECIAL NOTICE**--If you will kindly send us the names of your flower loving friends--and those of farmers or ranchers of your Acquaintance--with your order, we will be glad to place them on our mailing lists.

PLEASE DO NOT USE SPACE BELOW

FILLED BY	CHECKED BY	PACKED BY	NO. BOXES	NO. SACKS	NO. PKGS.	DATE	POSTAGE  FR. EXP. ADV.



USE THIS SHEET FOR TREES, PLANTS AND NURSERY STOCK ONLY  
**STATE NURSERY & SEED CO., Helena, Montana**  
NURSEYMEN—SEEDSMEN—FLORISTS      MANUFACTURERS OF POULTRY AND DAIRY FOODS

Date.....192..... Amount Enclosed \$.....

ZONE      ORDER NUMBER

--	--

NAME .....  
(Use Name of Head of Family. Write Very Plainly)

Do Not Write in These Spaces

STREET AND NO..... } R. F. D.....  
POST OFFICE ..... } Box .....

1929
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Freight or Express Station ..... STATE .....

IS THERE A FREIGHT AGENT AT YOUR STATION? } YES OR NO .....  
(If Not, Send Sufficient Money to Prepay Charges)

SHIP BY — MARK X AFTER METHOD OF SHIPMENT DESIRED — PARCEL POST ☐ EXPRESS ☐ FREIGHT ☐

If out of variety ordered, have we your permission to substitute equal or better? .....

In case price has declined or advanced, shall we fill order for amount allowed? .....

STATE NURSERY & SEED CO., do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money paid for them will be promptly refunded.

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
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IF YOU HAVE ANYTHING TO WRITE US WITH THIS ORDER, PLEASE USE A SEPARATE SHEET.					Total—or Carried Forward	

IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM. THEY WILL BE MAILED FREE.



Quantity	KEEP A COPY	NAME OF ARTICLES WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
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[illegible]

FILLED BY	CHECKED BY	PACKED BY	NO. BOXES	NO. SACKS	NO. PKGS.	DATE	POSTAGE FR. EXP. ADV.



# State Nursery and Seed Co's Seed Corn

ADAPTED STRAINS

HOME GROWN

GOOD GERMINATION

HIGHLY YIELDING—DEPENDABLE

NONE BETTER

KNOW IT WILL GROW

We have taken special care and have spared neither time nor effort in the selection of our seed corn stocks... Our representative makes personal inspection and investigations and obtains the cooperation of the county agent for recommendations and history of approved seed corn stocks.

We pay particular attention to selecting the earliest strains of each variety offered. Especial emphasis is given to type, yield and germination.

We thus reduce your risk, increase your yields and for ourselves obtain a booster and a customer for years to follow. The benefit becomes mutual.

## DENT CORN

**NORTHWESTERN DENT**—Northwestern Dent is generally conceded to be the most popular variety in the semi-dent class. It is not only early maturing but is an excellent yielder in grain production or from a silage standpoint in tonnage per acre. Under average conditions in Montana it matures in from 85 to 100 days. We are offering both the Amenia strain and a Montana selection of the Will strain. The Amenia strain is not so uniform in color, showing signs of some earlier crossing with Minnesota 13. Both of our strains have been selected on account of their uniform performance in tests over the state. Our Montana selection of the Will strain is more uniform in color, possibly just a trifle earlier, while the Amenia usually out yields the Will strain especially under the more favorable conditions.

**MINNESOTA 23**—Minnesota 23 is a white capped yellow dent. Our seed should not be confused with the mixed late strains of this variety commonly offered. Our stocks have been produced from the popular certified Coleman early and Typy strain. It is one of the very earliest of the semi-dent group, maturing in from 85 to 95 days. It is non-suckering, carries ears at a convenient height for the harvesting and is a good yielder. Fast gaining over the other semi-dents in popularity, especially under slightly unfavorable conditions.

**PIONEER WHITE DENT, or RUSTLEBS WHITE DENT**—This is now recognized under the general name of Pioneer White Dent and is the earliest of the true dent varieties, maturing in from 85 to 95 days under average Montana conditions. It is not only a dependable grain producer but also a fair silage producer if desired for that purpose. It is predicted that Pioneer White Dent will be more in demand than usual after the very favorable showing made during the past year under most unfavorable conditions. Our stocks are from popular Montana strains.

**FALCONER**—Every year this wonderful semi-dent proves more and more its very great value to the Northwest. Acclimated by nearly forty years of growing, and carefully selected, it improves each year. It is earlier than any of the dents, and heavier, being a descendant from the original native Indian corn, and it has consistently outyielded all other sorts year in and year out with us. It will grow and develop in cold weather when other more tender sorts stand still. The color is a somewhat uneven yellow, rows eight to twelve, and ears very large. It grows tall enough on the stalk to be handled with a corn binder.

**MINNESOTA 13**—Minnesota 13 has rightfully earned its high rank as a Montana corn. It yields well and matures early, altho not quite as early as the other dents or semi-dents mentioned, its average being from 90 to 105 days, which makes it safe as a Montana corn under anything like normal years. The strain we offer has been a remarkable yielder and for the past seven years has matured at an altitude over 3400 feet. This corn is popular, due to its being practically non-suckering and is especially popular under the more favorable conditions and for silage purposes.

**BROWN COUNTY DENT**—This variety has in the past few years become quite popular. Although very similar to Minnesota No. 13 and maturing in about the same time under favorable conditions it has some advantages, probably on account of its being a bit more flinty. When the season is not so favorable its general habits and appearance, its growth and yield are almost identical with Minnesota No. 13.

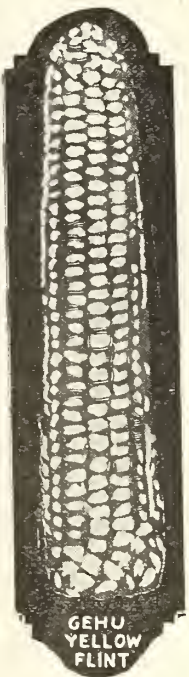
## EARLY FLINT CORN

**GEHU**—The best known of our native early flints, might well be called the universal corn. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a corn binder.

**NORTH DAKOTA WHITE FLINT**—North Dakota White Flint is one of the earliest of the standard varieties of flint corn. It is a low growing type from 4 to 5 feet and matures in about 80 days. It is especially adapted to early hogging down as the ear grows close to the ground.

**THE ORIGINAL DAKOTA SQUAW OR RAINBOW FLINT**—This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since, on account of its extreme earliness, and its unusual hardness. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint corn of mixed colors, yellow, white, blue and red predominating; ears long and slender, mostly eight rowed.

These corns are dependable high yielders of ear corn and are especially resistant to drouth. They mature in from 70 to 90 days. Popular for hogging off.



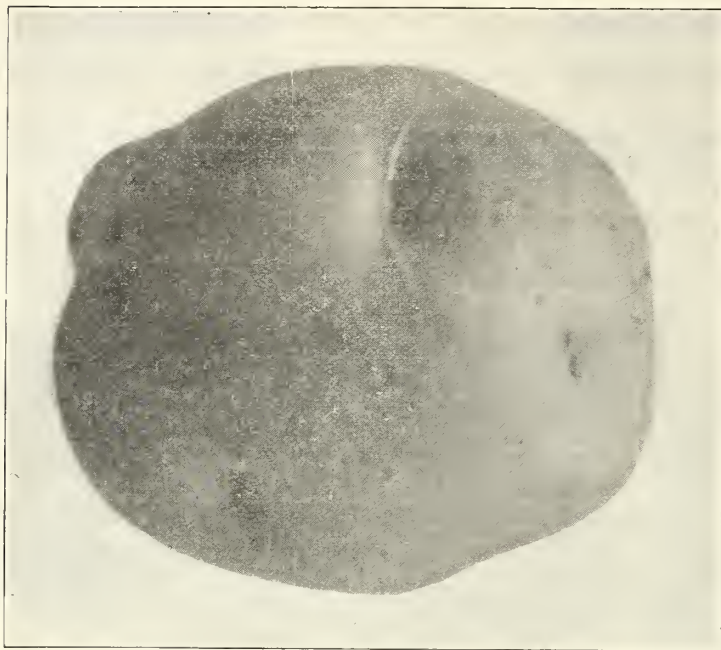
**Semesan Jr.**—This modified form of the patent product, Semesan, is exclusively a dust disinfectant used principally for the ear, root and stalk rots of field and sweet corn but also for the treatment of cereal infections. Under Government-conducted field tests, Semesan Jr. increased the crop yields from diseased field corn seeds by approximately twenty bushels to the acre and from similarly diseased sweet corn by as much as 47.7% with an average of practically 12%. See Page 126.

All Corn Listed Above is Montana Grown and Has Germination Test of 90% or Better

SEE PAGE 112 FOR PRICES



# SEED POTATOES.



Certified Bliss Triumph, Early

## TRIUMPH

This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose. Tubers are medium size, round, and uniform in shape, with but few small ones; eyes slightly depressed; color a beautiful light red. Its beauty, productiveness, and good qualities in general make it one of the best early market varieties, bringing highest prices on account of its appearance.

**DATE OF SHIPMENT**—Potatoes will be shipped at any date ordered, but where no special instructions are given, we will hold order until, in our judgment, there will be no danger of freezing.

## EARLY SIX WEEKS

The profitable potato for the Northwest planters are, from a market gardeners standpoint, those of the earliest maturing varieties. Our Early Six Weeks are produced from stock which has been consistently hill-selected for a number of years. With favorable conditions they are often ready for marketing in six weeks and mature in from 72 to 80 days.

## EARLY OHIO

The Early Ohio Potato is so generally known that it requires no extended description. It is more popular than any other early variety, as shown by the greater number of sales for seed stock. The early Ohio can most always be depended upon to give a satisfactory yield, for even in localities where climatic conditions are not suited for the production of a late season crop of Potatoes, the early Ohio can be planted early and will develop before the hot dry weather begins. Taking the country over, there is no Potato which meets with such universal satisfaction as does the Early Ohio, and this extra selected seed stock which we are offering you is the best that can be secured. It will ripen a week earlier than your home grown Early Ohios, and will produce a much larger yield, of smoother, larger-sized Potatoes. Every bushel is backed by our Absolute Guarantee.

## NETTED GEM

Sometimes called the **Russet Burbank**. A splendid main crop late potato with brownish russet skin, flesh white, shallow eyes, rather long shape. Netted Gem is an excellent yielder, very regular in size, and is unsurpassed as a baking potato. The tubers present an excellent appearance, and are splendid shippers. See Color Page—Back Cover.

## LEGGERINI'S EARLY ITALIAN

From a half dozen seed potatoes brought from Italy, our grower, Mr. Leggerini, in the past three years has produced and increased his acreage until this year we have a limited amount of this exceptional early potato to offer.

The Leggerini Early Italian in type is similar to the Early Ohio although varying slightly in some characteristics. In the three years produced here it has proven itself to be exceptionally early, is light in color and the meat white throughout. For the past two years we have had an opportunity to study this potato and from the standpoint of early maturity, yield and keeping qualities we know of no early potato that is its equal.

## TREATMENT FOR POTATOES

**DIRECTIONS FOR APPLYING SEMESAN BEL**—For the treatment of surface-borne diseases of potatoes or other tubers, bulbs, corms and roots, applications of Semesan Bel may be made in either dust or liquid form. While potatoes or other tubers for planting may be treated with liquid or powdered Semesan Bel either before or after cutting, according to the grower's preference and convenience, we recommend applying Semesan Bel as a dip to cut seed pieces, because while dusting produces excellent practical disease control, liquid applications may be expected to produce still better results. The latter method of treatment is the quickest, most practical and economical and also prevents the distribution of the spindle sprout disease by any contamination with the cutting knife. However, according to the facilities available and individual choice, any of the following methods may be employed for the successful application of Semesan Bel.

**Dip Method**—Into ten pounds of water (approximately five quarts) which should be vigorously stirred, pour slowly one pound of Semesan Bel, making a thin paste similar to whitewash. Use a barrel, wash tub or any common container, excepting one of aluminum to hold the stock of Semesan Bel Mixture and use another tub, half barrel or vat, in which to treat the seed pieces.

Before treating dirty potatoes or other bulbs, corms, roots and tubers, wash them by drenching with a hose or immersing in a tub of clean water. Then place them in a wire basket (one can easily be made from one inch mesh chicken wire) or any similar open side container and simply dip it with its load of seed into the Semesan Bel Mixture until all seeds are completely covered. Then remove immediately, allowing excess liquid to drain back into the treating tub. The seed pieces may be planted right after this treatment or else dried for future planting.

The Semesan Bel Mixture in the treating tub may be used as long as it lasts but fresh material from the stock supply should be added frequently to maintain the original level of the disinfecting solution. Whole treated potatoes should be dried before cutting and will show a thin coating of Semesan Bel which cannot readily be rubbed off by normal handling. Cut seed pieces must be disinfected immediately after cutting to protect against contamination by spindle sprout from the cutting knife. Potatoes treated with Semesan Bel dip after cutting may be planted as soon as possible following disinfection as complete drying is not necessary, although it is advisable to allow a brief time, in the case of machine-sown seeds, for the disinfectant mixture to set so that the seed pieces will not stick in the planter.

SEE PAGE 126 FOR SEMESAN DISINFECTANTS

ASK FOR PAMPHLETS—STATE NURSERY AND SEED COMPANY Wholesale Distributors of DUBAY SEMESAN

SEE PAGE 112 FOR PRICES ON CERTIFIED AND REGULAR GRADES.





A View of the Hatchery Building at Helena, Located at 15-17 Placer Avenue.

#### PARCEL POST RATES ON BABY CHIX

	2	3	4
25 Chix	29c	34c	40c
50 Chix	32c	38c	48c
100 Chix	39c	52c	76c
200 Chix	51c	76c	\$1.24



#### SCOTT'S "UTILITY-BEAUTY" STRAIN WHITE LEGHORN.

The constantly increasing demand for baby chicks and breeding stock of this strain, which is the one outstanding combination exhibition and utility strain of the entire Northwest, will be kept intact by the Skookum Chix Hatcheries and under the supervision of J. R. Scott just as it has been for the past 17 years. Consistently trapnesting, pedigreeing and selecting with but one thought in mind, that of producing highly productive birds of standard quality.

#### MATINGS NO. 1-2-3

These matings contain the cream of Mr. Scott's production and were selected from hundreds of birds raised the last three years.

EGGS: March 1st to May 1st, 75c each.  
May 1st to July 1st, 40c each.

CHIX: March 1st to May 15th, \$1.50 each.  
May 15th to July 1st, 75c each.

#### UTILITY-BEAUTY MATINGS.

We have hundreds of testimonials from commercial egg farmers proving the high quality of these matings. Only large thrifty, standard weight hens, not less than 18 months of age, are used. Mated to standard cockerels carrying the highest production blood lines possible.

**Price Eggs**—March 1st to May 1st \$3.00 per 15; \$7.00 per 50; \$12.00 per 100. May 1st to July 1st \$2.00 per 15; \$5.00 per 50; \$10.00 per 100.

**Price Baby Chicks**—March 1st to May 15th \$7.00 per 25; \$13.00 per 50; \$25.00 per 100; \$120 per 500; \$225.00 per 1,000. May 15th to July 1st \$5.00 per 25; \$10.00 per 50; \$20.00 per 100; \$190 per 1,000.

#### ADVANCE ORDERS

A deposit of \$2.00 per 100 chicks is required with order. We advise placing your orders early to insure delivery on the dates you wish. If you are in the market for breeding cockerels, hens, or pullets write us. If we haven't the birds we will refer you to reliable breeders.

#### MAMMOTH BRONZE TURKEYS

We can supply you with high grade breeding and exhibition toms and hens. All birds are sold on approval. Price Toms—\$15.00 to \$25.00; Price Hens and pullets \$8.00 to \$15.00. Eggs for Hatching. Select Special Mating \$1.00 each. Excellent Flock Mating 50c each. Orders not accepted for less than six eggs.

## BABY CHICKS

### HATCHING EGGS AND BREEDING STOCK

THE STATE NURSERY & SEED COMPANY has arranged to handle poultry stock from the Skookum Chix Hatcheries. Orders mailed to the State Nursery will be handled by J. R. Scott, Manager of the Helena plant and should be made out on separate order sheet, to insure prompt attention.

#### SKOOKUM CHIX SET NEW HIGH RECORD

Improved and modern methods, together with increased volume of chicks sold, make it possible for Skookum Chix Hatcheries to give their customers more value in baby chicks at lower prices than ever before. The fine quality—the strength—livability—productiveness, and the profit making characteristics of these chicks are the direct results of the efforts of the personnel of this organization. They invite you to take advantage of their years of experience. They have great hopes in the possibilities of Montana's Poultry Future and are putting forth every effort to build Superior Montana Breeding Flocks as well as profit paying commercial poultry farms.

## BABY CHICK PRICES

No. Chicks	S. C. White Leghorns			R. I. Reds Barred Rocks		Buff Orpingtons White Rocks White Wyandottes	
	Jan. 1 to Apr. 30	May 1 to May 31	June 1 to July 15	Jan. 1 to May 15	May 16 to July 15	Jan. 1 to May 15	May 16 to July 15
25	20c	17c	15c	22c	20c	23c	21c
50	19	16½	14½	21	19	22	20
100	18½	16	14	20	18	21	19
500	18½	16	14	19	17	20	18
1,000 to 5,000	18	15	13	18	16	19	17
5,000 to 10,000	18	15	13	18	16	19	17
10,000 up	18	15	13	18	16	19	17



#### MATINGS NO. 4-5-6

These are special egg production matings containing high record hens mated to pedigreed cockerels having 300 egg bloodlines.

EGGS: March 1st to May 1st—\$5.00 per 15; \$12.00 per 50; \$20.00 per 100.  
May 1st to July 1st—\$3.00 per 15; \$7.00 per 50; \$12.00 per 100.

CHICKS: March 1st to May 15th—\$11.00 per 25; \$20.00 per 50; \$35.00 per 100.  
May 15th to July 1st—\$7.00 per 25; \$12.00 per 50; \$25.00 per 100.



# State Nursery and Seed Company's POULTRY AND DAIRY FOODS

## CONCENTRATES AND MINERALS

### TEN WINNERS OUT OF TWELVE ENTRIES IN TURKEYS

Harvey Griffin—Graymount Ranch, Belgrade, Mont., made this very exceptional showing at the International—Chicago (the greatest turkey show in America) this year.

His classes and winnings were 2nd, 3rd and 15th yearling toms, 15th yearling hen, 1st, 10th, 13th and 15th cockerels, and 4th and 15th pullets, and several specials.

His May hatched birds had to compete with March and February hatched birds from Texas, California and Maryland.

At State Fair, Helena, he placed 1st, 2nd and 3rd in old toms; 1st, 2nd and 5th hens, 1st, 3rd and 4th young toms, 1st, 2nd and 5th pullets. Every bird entered was raised by himself with exception of one which he used all last season.

Breeding, management, and care, play an important part in such a wonderful showing as this but included in management and care is the very important element of feeds and feeding.

Mr. Griffin has been using our turkey mashes consistently for a long period and in one of his former letters to us ordering more mash he made the statement that neither he nor the turkeys were satisfied without it.

#### PEERLESS TURKEY GROWING MASH

#### PEERLESS TURKEY FATTENING MASH

Our turkey mashes are especially constructed to aid in building breast bone, good frame and fleshing, with sufficient mineral and nutritive content to build vitality and general disease resistance.

We believe you will say, just as the prominent turkey breeder mentioned above has said, after trial, that neither your turkeys nor yourself are satisfied without it.

#### PEERLESS HEN SCRATCH FEED

A combination of seven varieties of grain in the proper proportions to make a well balanced ration. A scratch food is most necessary to encourage exercise but to enable the hen to make the best and most economical use of her scratch it should be accompanied by a good laying mash such as Peerless, Blatchford's or Pratt's.

#### PLACER HEN SCRATCH FEED

A good pure, clean scratch food slightly cheaper than Peerless because it does not contain as much variety.

#### PEERLESS EGG MASH

Properly balanced for egg production. We guarantee its satisfaction and comparative food value with any mash on the market. The value of our mash rests in its highly concentrated food value. Being relatively rich in proteins compared with other forms of feed it supplies those elements entering into the manufacture of eggs and the building of bone, flesh, feathers and nerves. These last are, of course, all vital to economical production. The results of our increasing sales tell the story and a trial will furnish ample proof to any poultryman.

#### PEERLESS LITTLE CHICK SCRATCH FEED

##### For Chicks from 1 to 3 Weeks Old

A good clean wholesome ration of finely milled grains, attractive and appetizing; the necessary factors to stimulate and encourage exercise. We recommend starting baby chicks on Pratt's Buttermilk Baby Chick Food and after one week of age adding the little chick scratch to the daily ration. Feed the scratch rather lightly in the morning but add plenty for afternoon feeding.

#### PEERLESS GROWING RATION SCRATCH FEED

##### For Chicks from 3 to 7 Weeks Old

Similar to little chick scratch but a size larger. As a chick develops in size the size of the scratch requirements naturally increases.

#### PEERLESS GROWING MASH

We recommend the tapering off from chick mash to growing mash at the age of six weeks. Probably the most safe and satisfactory way is to increase the growing mash and decrease the chick mash about 10% per day until the change is completed. Peerless growing mash is made to build muscle, bone and feathers. Every ingredient is included in the right proportion and is pure, clean and wholesome. Furthermore you are getting standard and uniform quality at a very economical price.

#### PEERLESS DEVELOPER SCRATCH

##### For Chicks from 8 Weeks to Maturity

A combination of the best grade of carefully cleaned grains prepared for growing birds from about eight weeks old to maturity. It is always advisable to feed a mash with a scratch food and we recommend either Peerless or Pratt's growing mash.

#### PEERLESS FATTENING MASH

A good fattening food contains a high percentage of nitrogen—free extract (the starches and sugar in feed) which is the real fattening material.

In preparing our Peerless Fattening Mash we have taken special care to use only the ingredients that are palatable and easily digested.

For quick results it is necessary that the fowls eat and digest the largest quantity of the proper food. It is also quite necessary for the most economical and quickest results to pen up the fowls very closely.

Our Feed Business is Rapidly Increasing Because our Customers Actually Find our Feeds are an Economical and a Paying Investment

SEE PAGE 136 FOR PRACTICAL FARM AND GARDEN BOOKS

#### CRUSHED BONE

contains lime, phosphoric acid, protein and fat, all of which are indispensable in the manufacture of the egg. Phosphoric acid being necessary for the egg yolk and protein for the white, or albumen.

#### GENUINE CRUSHED OYSTER SHELL

The absence of carbonate of lime in the hen's diet causes either a soft-shelled egg, or no egg at all. A hen must have all the necessary parts to turn out a complete product, just as any other manufacturer.

#### SUNFLOWER SEED

of which the oil content is the chief element. Aids in plumage growth but should not be fed heavily except as an aid to hasten moulting.

#### MEAT SCRAPS

come in three scraps known as "Regular" or slightly coarse. "Fine Meat Scraps" for mashes, and the "Meat Meal."

All meat scraps offered by us contain a guaranteed minimum protein content of 50% and usually 60% or better.

#### CHARCOAL

contains the digestive and purifying elements. Acts as a necessary natural regulator.

#### GRIT

Almost serves as a substitute for the hens lack of teeth, aiding in mastication and assimilation of food.

We always send new size unless otherwise ordered.

#### PEERLESS CHICK STARTER (Mash)

Peerless chick starter is a trouble preventer not a trouble shooter. It will not cure them after they are sick but will keep them from getting sick.

Liquid milk causes more trouble than any other one feed, yet they must have milk. The dishes must be scalded every day. The milk must be the same temperature, the same quality. If it is fed sweet it must be kept sweet. If it is fed sour it must be the same all the time. Any variation will cause bowel trouble. Avoid all this trouble by feeding the milk dry in a mash.

Peerless chick starter contains enough milk for the chicks without feeding any in liquid form.

Peerless chick starter contains all the essential feeds necessary for the chick, when fed with a good grade of chick scratch. It contains all the vitamins, proteins, carbohydrates and fat needed. It is low in fibre.

If you would raise chicks with the least care and have less mortality, raise them on Peerless chick starter.

#### MANAMAR

A supplement complete in organic minerals and animal proteins. In addition to its value in being complete in minerals it analyzes rich in vitamin D, thus replacing the use of cod liver oil, also supplying an iodine content to the feed, making it possible for livestock and poultry to more easily assimilate the mineral food. The value of the iodine content in itself is a boon to the livestock industry and the proper use of this food as a supplement promises to prevent, partial paralysis and many other poultry diseases as well as goitre and large neck in sheep and with pigs the eradication of the hairless pig menace, etc. Write for further information.

FOR PRICES ON ABOVE SEE PAGE 112

FOR PRATT'S POULTRY AND ANIMAL FEED PRICES—  
SEE PAGES 117 and 118.



POULTRY AND DAIRY FOODS (Continued)



PEERLESS DAIRY RATION



The above are snapshots taken on Mays Dairy Farm in the Helena Valley. So far as we are able to learn, this is the largest dairy in the State. Fred May is milking from 100 to 130 Holsteins the year around, has a modern place in every respect: A modern barn equipped with King ventilating system, litter carriers, cork brick flooring, milking machines etc., a creamery and milk house with steam bottle rack cabinets and cleansers, pastuerizer, cooler, separator, churn and ice manufacturing plant.

Fred has built up his assets from nothing to more than fifty thousand dollars in seven years by a combination of hard work and good management. He believes first in having the producers and feeding for production In talking with his herdsman, we were informed that one of the big essentials in Mr. May's success in high production was his feeding. When Spring and Summer pasture is plentiful his herd continue to get their concentrates; his dry herd daily get their concentrates and when they come into calf the results are shown both in the calf and the production work the cow is able to do for the year.

Mr. May has used our Ration continuously for three years. We feed every dairy animal on his place and let us assure you that when you sell Fred May you have to give Results.

The quality of our Rations and the result obtained by feeders is developing real volume in our feed department.

"Prices Subject to Market Changes" F. O. B. Helena.

TON ORDERS made up of different kinds of Feeds will be billed at Ton Prices. It pays to buy Ton Lots.



STATE NURSERY & SEED CO.—MILLERS OF PEERLESS FOODS

	10 lbs.	100 lbs.
Dairy Ration .....	Ton \$39.00	\$2.05
Bran and Shorts .....		1.75
Middlings, Shorts .....		1.85
Corn, No. 2, Yellow .....		2.70
Corn, Cracked .....		2.75
Corn Meal .....		2.80
Barley, Whole .....		2.00
Barley, Ground .....		2.10
Oats, Whole .....		2.00
Oats, Ground .....		2.10
Rye, Whole Feed .....		1.85
Rye, Ground .....		1.95
Wheat, Whole Hard or Soft .....		2.00
Wheat, Cracked, meal .....		2.10
Linseed Meal, Ground, Feed Grade .....	75	5.25
Buckwheat .....	60	4.50
Kaffir Corn .....	50	3.50
Milo Maize .....	55	3.60
Millet .....	70	4.25
Sunflower .....	1.25	7.50
Hen Scratch, "Peerless" .....		2.65
Hen Scratch, "Placer" .....		2.50
Developer Scratch, "Peerless" .....		2.90
Growing Ration, "Peerless" .....		3.10
Little Chick Scratch "Peerless" .....	40	3.40
Little Chick Mash, "Peerless" .....	45	3.65
Egg Mash, Laying Mash, "Peerless" .....	40	3.25
Growing Mash, "Peerless" .....	40	3.25
Fattening Mash, "Peerless" .....	40	3.00
Hog Feed, Mixed Ground .....	Ton. \$37.00	2.00
Oyster Shell, Ground, Hen or Chick Size .....	30	1.80
Charcoal, Hen or Chick Size .....	65	4.00
Grit, Granite, Hen or Chick .....	25	1.30
Bone, Granulated, Hen or Chick .....	50	3.75
Bone Meal, Steamed, Darlings .....	50	3.75
Flour, Low Grade, 140 lb. Bags .....		2.75
Darling's Meat Scrap, 50% Protein .....	65	5.00
Darling's Meat Meal for Mash, 50% Protein .....	65	5.00
Darling's Tankage, 60% Protein .....	65	5.00
Dried Sweet Milk .....	1.50	12.50

PRATTS FOODS

Buttermilk Baby Chick Food			
100 lb. Bags .....			5.75
50 lb. " .....			3.00
25 lb. " .....			1.65
10 lb. " .....			.75
5 lb. " .....			.40
Buttermilk Growing Mash			
100 lb. bags .....			4.75
50 lb. bags .....			2.50
25 lb. " .....			1.30
10 lb. " .....			.60
Chick Scratch			
100 lb. bags .....			4.00
50 lb. bags .....			2.10
25 lb. bags .....			1.10
Laying Mash			
100 lb. bags .....			4.50
50 lb. bags .....			2.50
25 lbs. " .....			1.25
10 lbs. " .....			.50
Calf Meal			
100 lb. bags .....			5.75
50 lbs. " .....			3.00
25 lbs. " .....			1.60

"PURINA" CHECKER BOARD FEEDS  
We Are District Agents

	25 lbs.	50 lbs.	100 lbs.
Purina Chick Startena .....	\$1.60	\$2.90	\$5.50
Purina Cow Chow, 24% .....			3.70
Purina Calf Chow .....			5.75
PURINA SPECIAL SHEEP CUBES			
PURINA SPECIAL STEER CUBES			
Purina Pig Chow .....			3.90
Purina Dog Chow .....	2.50		8.50
Purina Hen Chow .....			3.50
Purina Intermediate Hen Chow .....			3.75
Purina Baby Chick Chow .....		2.10	3.80
Purina Rolled Oats .....			6.00
Purina Chicken Chowder .....	1.50	2.25	4.10
Purina Chick Growena .....	1.40	2.75	5.20
Purina Chick Startena .....	1.60	2.90	5.50
Purina Chicken Fatena .....			3.75

Write for Ton or Car Load Prices  
NOTICE—If wanted by mail add postage



POULTRY  
HEALTH

## PRATT'S

MEANS  
PROFIT

## POULTRY AND ANIMAL REMEDIES AND SUPPLIES

WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.

PRATT'S POULTRY REGULATOR AND  
EGG PRODUCER

"Helps Make Hens Lay"

Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. It builds up vitality and stimulates egg production. Poultry Regulator is used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance. Price 4 lbs. 65c; 12 lb. sack \$1.60; 25 lbs. sack \$3.48; 100 lb. sack \$10.50.



NOTICE—If wanted by mail add postage.

## PRATT'S LICE KILLER POWDER

One of the most perfect lice killers especially valuable for use on young chicks and sitting hens. It rids horses, cattle, hogs, dogs and cats of lice, also ticks on sheep. It is thoroughly effective as a destroyer of vermin and absolutely harmless to the chick.

Price, 1 lb. 30c, postpaid 37c; 2½ lbs. 60c, postpaid 72c; 6½ lbs. \$1.20, postpaid \$1.42.



FOR BABY CHICKS  
SEE  
PAGE 115.

## PRATT'S HEAD LICE OINTMENT

Thousands of little chicks are killed each year by head lice. Pratt's Head Lice Ointment is a carefully prepared non-poisonous article and is instant death to the murderous lice, while it is absolutely harmless to the little chick. Price, tubes 30c, postpaid 35c.



## SPECIAL COMPOUND FOR CHOLERA

Cholera creates a continuous and violent desire for water. For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls this remedy is excellent. As cholera is very contagious, Cholera Remedy should be kept on hand by every one who raises little chicks.

Price 30c, postpaid 33c.



## PRATT'S HEALING OINTMENT

Injuries of any kind are healed naturally and permanently, and pain quickly relieved by applying Pratt's Healing Ointment. Sores, cuts, scratches, wounds, burns, barbed wire cuts, as well as skin eruptions, eczema and itching are quickly cured. Corns, harness and saddle galls disappear in short order. You should have this ointment handy at all times. Price 30c, postpaid 33c.



## PRATT'S CONDITION TABLETS

An easy and effective remedy for "run-down" birds. Keeps show birds in condition and prevents colds, roup and liver trouble. Price 30c, postpaid 32c.



## PRATT'S GAPE COMPOUND

Millions of chicks are lost every year through "gapes." A little red worm in the wind pipe, which cause death by strangling. Pratt's Gape Compound is the most effective guaranteed method of treatment known. Gives sure and quick relief. Price 35c, postpaid 38c.

## BLACKHEAD REMEDY

The dread of all turkey raisers is blackhead. This disease works very quickly and will wipe out a whole flock in a very short time. Is a life saver for the turkeys and a money saver for you. Use it from the start as a preventive and avoid trouble. If you wait until the disease appears it may be too late. No wise person tries to raise turkeys nowadays without Blackhead Remedy. Effective, economical, easily administered, powerful and saves worry and money. Price 60c, postpaid 66c.

## PRATT'S WHITE DIARRHOEA REMEDY

"The Baby Chick Life Saver"

This is one of the greatest chick life savers ever put on the market. Thousands and thousands of little chicks die each year from the fatal white diarrhoea. It carries off from 60 to 75 per cent of all chicks hatched. Pratt's White Diarrhoea Remedy in the drinking water kills the specific organism which causes the disease, and saves the hatch. Used as a preventative when hens are laying, because it will prevent this deadly organism from developing in the egg. If a hen is used for hatching give her Pratt's White Diarrhoea Remedy in the drinking water so there will be no chance of infection from droppings. This is preventative treatment.

Price 30c, postpaid 32c. Large size 60c, postpaid 63c.



## PRATT'S ROUP REMEDY

This wonderful remedy is used in every civilized country in the world. The reason is it cures. It is for fowls that sneeze, gasp and wheeze, also for those having a watery discharge from the nostrils and eyes. It prevents colds and is excellent for turkeys. Pratt's Roup Remedy will save your fowls and make them profitable. In powder or tablet form.

Price, 30c, postpaid 33c. Medium size 60c, postpaid 66c, Large size \$1.20, postpaid \$1.30.



## PRATT'S SCALY LEG OINTMENT

This disease is caused by a parasite working underneath the scales of the feet and legs, often making it difficult for the bird to walk. Scaly leg is contagious, and while not fatal, is injurious to the bird and its sale value as well as its usefulness. It is simple to apply and is guaranteed to cure. It is also excellent as a dressing for the feet and legs of show birds, increasing their "point" value and putting them in the very best possible condition as prize winners. Price 35c, postpaid 40c.



## PRATT'S RED MITE SPECIAL

Is the most powerful liquid lice killer and mite destroyer ever put on the market. Painted and sprayed around the poultry house according to directions it will keep it free of these blood-sucking pests. Economical, powerful, non-poisonous, safe, sure and guaranteed. Few liquid lice killers are effective against red mites, ticks, fleas, etc. Pratt's Red Mite Special knocks them all. Quart 75c, ½ gal. \$1.25, gal. \$1.85.



Liquids Cannot be Sent by Parcel Post.

## PRATT'S POULTRY WORM POWDER

For use in the treatment of Round Worms, Tape Worms, and other Intestinal Worms of Poultry. Thousands of chickens, young and old, are lost annually through the ravages of worms. One chicken saved will pay for sufficient powder to treat a large flock. Powerful, efficient, easy to use. Blackhead is usually caused from worms. Price 2 lb. pkg. 60c, postpaid 72c. 4½ lb. \$1.20, postpaid \$1.35, 25 lb. sack \$3.25, postpaid \$3.73. 100 lb. sack by express or freight only, \$11.00.



## PRATT'S BAG OINTMENT

Milking trouble due to caked bag, sore teats, bunches and inflammation quickly reduced. Its penetrating, soothing and cooling qualities give relief. Use it freely for injuries to the udder, caused by scratches, blows or kicks or from being overdistended with milk, when delay may destroy the cow's value as a milker. Tubes 35c, postpaid 40c, large can 70c, postpaid 85c.

SEE FIELD SEED SECTION FOR SEED POTATOES



CLEANLINESS  
MEANS

## PRATT'S

POULTRY  
HEALTH

## POULTRY AND ANIMAL REMEDIES AND SUPPLIES

WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.

## PRATT'S FLY CHASER

(New Improved)



Why let your animals suffer needless torment from flies all summer long. Your cows waste time when standing in the pond or rushing through the underbrush trying to escape the constant torture of flies, mosquitoes and other winged pests. Your horses will do more work when relieved from fighting flies and save your time and trouble. Fly chaser does not injure hair or animal when used as directed. Fly Chaser should be used in every stable and every barn. Price— $\frac{1}{2}$  gal. \$1.00; 1 gal. \$1.75. By express or freight only.



Liquids Cannot be Sent by Parcel Post

PRATT'S  
DIP AND POULTRY DISINFECTANT

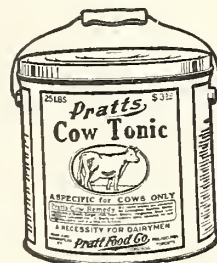
"For Livestock and Poultry"

This disinfectant is a real wonder worker, a quick, effective germicide, insecticide and deodorant. It is unsurpassed for effectiveness in stables, barns, poultry houses and yards and for use on dogs, cats and pets generally. Its pleasing clean odor makes it admirable for household use. Considered the best disinfectant on the market today. Price, quart, 70c,  $\frac{1}{2}$  gal. \$1.20; gal. \$2.00. By express or freight only.

## PRATT'S COW TONIC

Cow tonic increases the milk supply and makes it rich in butter fat. Cow tonic enables the cow to turn more of the feed into milk and keep up the full flow for a much longer period. It is a positive remedy for scours. A wonderful all round tonic.

Price 2 lbs. 60c, postpaid 72c;  $4\frac{1}{2}$  lbs. \$1.20, postpaid, \$1.35.



## PRATT'S BOOKS FREE

**BABY CHICKS**—How to feed and care for them.  
**PRACTICAL POINTERS**—On the care of live stock and poultry.  
**CHASE THE FLIES**—Pratt's Disinfectant and Fly Chaser.

**RED MITES**—Use Red Mite Special.  
**HAND SPRAYERS**—For Pratt's Fly Chaser and Disinfectant, etc. See Page 129.

## PRATT'S POULTRY AND ANIMAL FEED

"Brains can Think of no Better, We can Make no Better, You can Buy no Better, Chicks can Want no Better."

PRATT'S BUTTERMILK BABY  
CHICK FOOD

"JUST WATCH THEM GROW"

Should be fed the first three weeks. It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food. Price 5 lb. bag 40c; 10 lb. bag 75c; 25 lbs. \$1.65; 50 lbs. \$3.00; 100 lbs. \$5.75, F. O. B. Helena.

NOTICE—If wanted by mail add postage.

## PRATT'S BUTTERMILK GROWING MASH

An ideal food for growing youngsters. The bone, muscle and feather builder, contains the proper ingredients to make bone, muscle, and good red blood.

10 lbs. 60c, 25 lbs. \$1.30, 50 lbs. \$2.50, 100 lbs. \$4.75, F. O. B. Helena.

NOTICE—If wanted by mail add postage.

## PRATT'S CHICK SCRATCH FEED

Pronounced by authorities everywhere to be the finest, cleanest, purest, most economical and highest quality chick scratch ever offered to the public.

25 lbs. \$1.10, 50 lbs. \$2.20, 100 lbs. \$4.00, F. O. B. Helena.

NOTICE—If wanted by mail add postage.

## PRATT'S BUTTERMILK LAYING MASH

This remarkable mash is the standard by which others are judged. Not alone theoretically right but proven by practical test to be the greatest "egg producer" ever made. There is a good reason for every ingredient in this splendid mash.

Pratt's Buttermilk Laying Mash produces more eggs at less cost per dozen and gives greatest profits.

10 lbs. 50c, 25 lbs. \$1.25, 50 lbs. \$2.50, 100 lbs. \$4.50.

NOTICE—If wanted by mail add postage.

## PRATT'S CALF MEAL

IT MAKES THEM GROW—SAVES MILK—SAVES MONEY

No dairyman will dispute the value of skim milk as a feed for calves, but in separating the milk you take out some most vital elements that nature intended the calf should have. The milk is robbed of life and health giving vitamins that are very necessary to the healthful and profitable development of the calf.

Pratt's Calf Meal is a scientific preparation that supplies these necessary food properties at a very reasonable cost, enabling you to sell your milk or cream and still have vigorous, rapidly-maturing calves that later make profitable producers. It supplies bone, muscle and tissue building elements.

It is mighty important for the calf raiser to develop his calves just as economically as possible. Every dollar saved in raising them is a dollar earned. Therefore, you will readily see that it pays to feed Pratt's Calf Meal because you can use it at less than half the cost of using milk. At the same time your calves will grow and develop every bit as well. Pratt's is a milk-substitute of highest quality, which calf-raisers have used for years. It raises real calves at a real money-saving.

Only the most carefully selected high quality ingredients are used in making Pratt's Buttermilk Calf Meal. These are skillfully prepared and thoroughly blended with the latest type of feeding machinery. This meal is the result of years of experience coupled with exhaustive investigation and study of modern methods of calf feeding. If used according to directions, Pratt's Buttermilk Calf Meal will be found to be the best milk substitute you can procure for your calves. Feeding directions in every sack. 25 lbs. \$1.60, 50 lbs. \$3.00, 100 lbs. \$5.75, F. O. B. Helena.

NOTICE—If wanted by mail add postage.

Whitefish, Mont.

Dear Sirs:—We feel that we owe our success in raising our chickens to the Putnam Brooder and must say it can't be beat. Next year we intend to raise a large number of chicks and turkeys and will depend on Putnam Brooder-Heaters and Pratt's Buttermilk Baby Chick Food to bring them through.

Very sincerely,

MRS. T. F. M.

PUTNAM STOVES—See Page 122.

PUTNAM BROODERS—See Page 122.

PRICES ON POULTRY FEED—SUBJECT TO CHANGE

WHEN BUYING ALFALFA SEED BE SURE IT IS MONTANA GROWN



## Conkey's POULTRY REMEDIES

Conkey's Roup Remedy, for sneezers. 30c, 60c and \$1.20, postpaid.  
 Conkey's Cholera Remedy, 30c and 60c, postpaid.  
 Conkey's Roup Pills, for Roup, Colds, Catarrh, etc. 30c and 60c postpaid.  
 Conkey's Scaly Leg Remedy, 30c, postpaid.  
 Conkey's Lice Fix (Ointment), Easy to apply. Sure in results. 30c and 60c, postpaid.  
 Sulphur Fumigating Candles, 15c each. Dozen \$1.65, postpaid.

## Conkey's Y-O

Concentrated Dry Powder Form of Yeast with Cod Liver Oil  
 Rich in Vitamins A, B, and D.

There is nothing finer than Conkey's Y-O to mix in with poultry mash. Its use at every stage of growth is urged because of the great benefit. 1% in baby chick mash serves as a prevention of leg weakness. Absolutely indispensable in raising chicks in backward season with little or no sunshine, as it is rich in vitamins A and D (the "sunlight vitamins"). In addition, the B vitamin in Y-O insures complete, rapid development giving birds capacity and stamina for future production. Wonderful for growing stock. Absolutely necessary for continued heavy egg production as it replaces the vitamins used up in forming rich egg yolks. Hens won't break down as layers if given 2%-3% of Y-O with mash feed. For breeding stock, it's wonderful as it improves quality of the eggs, fertility and hatchability. Stop low hatches and high chick mortality by mixing Y-O with the mash feed.

### NEW LOW PRICES

due to the increasing volume of Y-O business and economy in manufacturing. You get this saving.

Price—1 lb. 60c, postpaid 70c; 2 lbs. \$1.10, postpaid \$1.22; 5 lbs. \$2.25, postpaid, \$2.68.

By express or freight, 25 lbs. \$9.00; 50 lbs. \$16.00; 100 lbs. \$27.50.

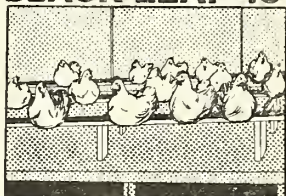
### LEE'S GERMOZONE

A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint and most other poultry diseases. In more general use today than any other poultry medicine ever manufactured. Given twice a week in the drinking water to all fowls. It keeps them in prime condition. No poultryman should be without Germozone. Put up in tablets. Price 25c, postpaid 27c. Large size 75c, postpaid 78c.

### DELOUSE ENTIRE FLOCK BY "PAINTING" THE ROOSTS WITH "BLACK LEAF 40"

Previous methods of controlling poultry lice have generally been laborious, expensive, disagreeable and difficult. Individual handling of the birds, as is necessary when using powders, ointments, or dips, requires tedious labor and usually interferes with egg production. The "Black Leaf 40" method does away with all handling of the birds and does not interfere with egg production. "IT WORKS WHILE THEY SLEEP."

### BLACK LEAF 40



**WORKS WHILE THEY ROOST**

When chickens perch upon roosts that have been "painted" with "Black Leaf 40", the heat from their bodies causes a slow release of fumes which penetrate the feathers and kill the lice, with no discomfort to the birds. The process goes on during the night, as the birds are sleeping, and furnishes the most desirable form of poultry lice control ever known.

10-lb. tin, by express only .....\$11.85  
 Treats 1900 to 2400 running feet of roost  
 2-lb. tin, \$3.25 ..... postpaid, \$3.40  
 Treats 385 to 480 running feet of roost  
 ½-lb. bottle, \$1.25 ..... postpaid, \$1.35  
 Treats 90 to 120 running feet of roost  
 1-ounce bottle, 35c ..... postpaid, 40c  
 Treats 12 to 15 running feet of roost

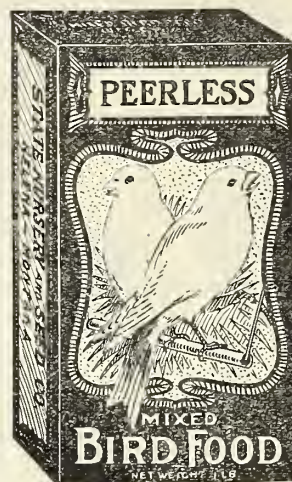
### B-K

DISINFECTANT, DEODORANT, ANTISEPTIC—NOT A POISON

By Government test B-K has over ten times greater germ-killing strength than carbolic acid. Much stronger than coal tar disinfectants. Colorless, leaves no stain on floors or walls. Destroys foul odors—leaves no odor of itself. Contains no poison, acid nor oil. So much stronger than other disinfectants that more water is used. It goes farther. Write for booklet. Prices, 10 oz. bottle 60c, postpaid 75c, 1 qt. \$1.25, postpaid \$1.45, by express only, gal. \$3.00, 5 gal. \$12.50, F. O. B. Helena.

### BIRD SEED

S. N. & S. Co's BIRD SEED MIXTURE—Has become famous for its superior quality. We use nothing but the freshest high grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. This mixture will keep the birds in song and in good health. Put up in 1 lb. lithographed cartons.



	Postpaid		By Express or Freight At purchaser's expense		
	1lb.	2lbs.	5lbs.	10lbs.	25lbs.
BIRD SEED MIXED	28c	52c	\$1.00	\$1.75	\$4.00
CANARY—Best Sicily	28c	52c	1.00	1.75	4.00
HEMP—Best grade	25c	45c	.85	1.50	3.50
BIRD RAPE—For Birds	28c	52c	1.00	1.75	4.00
MILLET—For birds	15c	25c	.50	.85	.....
LETTUCE SEED—For birds	15c	25c	.50	.....	.....
SUNFLOWER	20c	38c	.....	1.25	.....
BIRD SAND OR GRAVEL—2 lbs. 15c; Postpaid 27c.					
CUTTLE FISH BONE—Good for digestion and general health. Large piece, 5c; ¼ lb. 20c; 1 lb. 65c; P. P.					

### SPRATT'S BIRD FOOD



	Postpaid
SPRATT'S NESTLING FOOD—Pkg. ....	20c 25c
SPRATT'S MOULTING FOOD—Pkg. ....	35c 40c
SPRATT'S BIRD TONIC—Pkg. ....	15c 17c
SPRATT'S LICE AND MITE KILLER AND BLOWER	30c 35c
SPRATT'S SONG RESTORER—Pkg. ....	30c 35c
For Canaries; revives the desire to belively and sing more lustily.	
SPRATT'S SING SONG OR MANNA—Pkg. ....	15c 17c
A tonic and song restorer.	
SPRATT'S AQUARIUM FISH FOOD, GRANULAR Pkg. ....	15c 17c

ROYAL PEARL CHIPS—for aquariums and bulb bowls, per box  
 25c, postpaid 32c.

### "PURINA" CHECKER BOARD FEEDS

Sold and Recommended By  
 STATE NURSERY & SEED CO.

Purina Calf Chow  
 Purina Cow Chow, 24%  
 Purina Steer Fatena  
 Purina Special Steer Cubes  
 Purina Sheep Cubes  
 Purina Pig Chow  
 Purina Hog Chow  
 Purina Dog Chow  
 Purina Fox Chow  
 Purina Chick Startena  
 Purina Baby Chick Chow  
 Purina Baby Chick Growena  
 Purina Intermediate Hen Chow  
 Purina Hen Chow  
 Purina Chicken Chowder  
 Purina Chicken Fatena  
 Purina Chicken Fat Chow  
 Purina Pigeon Chow  
 Purina Rolled Oats

FOR PRICES  
 SEE PAGE

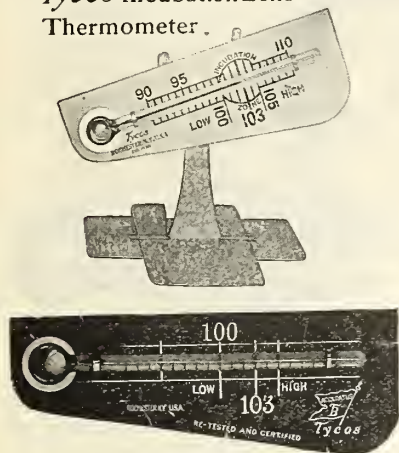


## INCUBATOR AND BROODER THERMOMETERS

Many persons using incubators and brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. Many a fine hatch is lost and many a fine brood of chicks killed by using a poor thermometer. Use great care in purchasing a perfect thermometer. Our thermometers are thoroughly tested and accurate, and are guaranteed by the manufacturers.

No. 5776

Tycos Incubation-Zone Thermometer.



No. 5783



No. 5794

No. 5783 Incubator Thermometer—with stand retested and certified	Postpaid	
No. 5776 Incubator Thermometer with stand		
No. 5794 Brooder Thermometer Flat, metal fits any brooder		

## TYCOS INCUBATOR HYGROMETER



The Tycos Incubator Hygrometer determines the relative humidity in the egg-chamber of any and all incubators. A practical and satisfactory device for the purpose. Direct readings are obtained instantly without use of tables or calculations.

Price, \$1.75, postpaid \$1.85.

Hygrometers 20c each, postpaid.

# CARBOLA

The Disinfecting White Paint

Disinfects and Paints at the Same Time—Saving Labor and Money

A white paint and disinfectant in dry powder form. Use instead of whitewash. Put on with a brush or sprayer. A snow white cold water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings. Carbola can be applied to wood, brick, stone, cement, plaster, board, tar paper, etc. or over whitewash or old paint that is hard and firm, but not glossy. The mineral pigment used has a greater fire resistance than asbestos. It is apparent that several coatings of Carbola will act as an efficient fire retardant.

A gallon (a pound of powder) covers 200 square feet. For use out of doors add a pound of cheap glue dissolved in hot water for every 10 pounds of Carbola.

Carbola is used and endorsed by thousands of poultrymen, dairymen and breeders, and by many agricultural colleges and experiment stations. Give Carbola a trial—you never will regret it.

5 lbs. (5 gals.)	\$ .75	Postpaid	25 lbs. (25 gals.)	\$3.00	Postpaid
10 lbs. (10 gals.)	1.25	1.50	50 lbs. (50 gals.)	5.00	6.05
200 lb. sacks	"By express or freight" \$18.00				

## IMPROVED CHAMPION LEG BANDS

## THE WORLD'S BEST



The oldest and best popular band on the market. This band is made in one piece and is adjustable to fit any fowl. They will stay where you put them. Held by double lock, it is impossible for them to lose off. Made of Aluminum. Price numbered only.

1-12	15c	Postpaid	17c
1-25	30c		32c
1-50	45c		47c
1-100	80c		83c

Special numbers to suit, 25c per 100 extra.

## VICTOR LEG BANDS

Made of aluminum, adjustable, with large black numbers on blue background. A band that is easily attached and when once on will stay on until removed. Color—Blue or Red.

1-12	.60	postpaid	.63
1-25	1.20	postpaid	1.23
1-50	2.20	postpaid	2.25
1-100	4.00	postpaid	4.10



## SPIRAL COLORED CELLULOID LEG BANDS



## Know Your Hens on Sight

For large and small birds, chicks and pigeons. Mark each bird for its pen. Give each pen a different color. Mark old birds and pullets differently.

Spiral Leg Bands have extra-long lap, making them strong and securing them from coming off.

In six colors—red, green, black, white, yellow, dark blue.

## SIZES

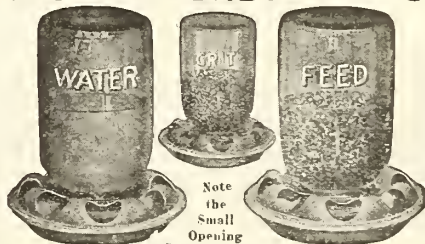
No. 5 Pigeons.	No. 11	American
No. 6 Baby Chicks.		Ply. Rocks, Orpingtons,
No. 7 Bantams.		R. I. Red, Wyandottes,
No. 8 { Leghorns, Anconas,		Minorcas, Houdans,
{ Campines, Buttercup,		Runner Ducks, W. Rocks
{ Polish.		
No. 14 Turkey Hens, Geese.	No. 12	Asiatic
No. 16 Turkey Toms.		Brahmas, Cochins,
		Cornish, Langshan
		Pekin Ducks.
Nos. 7, 8, 11, 12, 14, Postpaid.	Nos. 5 and 6	Postpaid
12 Bands .....\$ .15	12 Bands .....\$ .15	\$ .17
25 Bands ..... .30	25 Bands ..... .25	.27
50 Bands ..... .50	50 Bands ..... .40	.42
100 Bands ..... .85	100 Bands ..... .75	.77
500 Bands ..... 3.10	500 Bands ..... .300	3.05

No. 16 Turkey Toms—Doz. 20c, postpaid 22c.	
25 .....35c.....postpaid 38c	100 .....\$ .90.....postpaid \$ .95
50 .....55c.....postpaid 58c	500 .....4.25.....postpaid 4.35

Be sure to order by Number or specify your breed and color wanted. NOTICE—Put up in lots of 12; 25; 50 and 100, only.

## IMPROVED AMERICAN BABY CHICK PANS

## BEST FOR BABY CHICKS



Fit any Mason Jar—Easy to Clean.

The American Baby Chick Pans are easy to fill and very easy to clean, will fit any size Mason Jar. Considered the best on the market. They lock by a twist of the wrist.

We sell pans only, as Mason Jars are obtainable anywhere.

3 pans Galvanized, 75c, postpaid 77c.  
6 pans Galvanized, \$1.25, postpaid \$1.27.

PUTNAM STOVE AND BROODER HEATER—See page 122.

QUEEN INCUBATOR AND BROODER—See page 124.

ANT KILLER—See page 124.

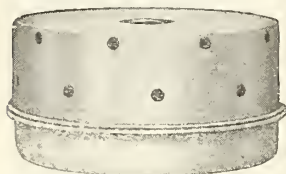
FLYOSAN—Kills Flies, Mosquitoes, Etc.—See page 128.



**LITTLE PUTNAM STOVE**

(New Improved)

This is used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather.



The stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention; the stove is absolutely fire-proof and non-explosive.

wick never needs trimming.

The Little Putnam Stove does not furnish hot water to the fowls, but water at that tonic temperature which is best relished by them and which increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply. It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times if they are to be kept at the top notch of health and productiveness.

The cost of running the stove the entire winter is but from 20 to 30 cents. The expense for oil to run other heaters runs from 75 cents to \$2.00 per season.

This stove really costs the poultryman nothing because the increased production of eggs during the first month's use will pay for the stove.

Price, \$1.95, postpaid... 3 for \$5.60, postpaid \$5.85.

Price of parts for Putnam Stove; wick holder 10c each; wicks 20c dozen. Tank \$1.00; Burner 60c; Top 60c, postpaid.

**PUTNAM BROODER-HEATER**

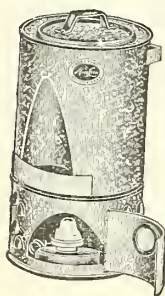
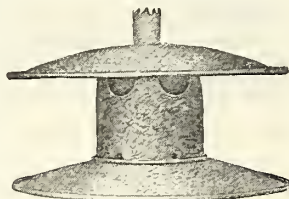
(New Improved)

This can be used in any home-made brooder. The heater is so constructed that it acts like an open fireplace, carrying the foul air out and drawing the fresh air in, thus providing perfect ventilation automatically. Heat is radiated from above onto the backs of chicks, giving the natural and soothing effect of the hen, without the lice. The brooder heater is made of brass and galvanized iron and is practically indestructible. Every brooder heater is accompanied by easily followed directions for building the home-made brooder. At no price, high or low, can a brooder be bought so economical of both fuel and labor, so simple and easy to operate, so perfectly ventilated, or one which will so surely raise healthy vigorous birds. This brooder consumes less than a gallon of oil a month.

This fire-safe Putnam Brooder-Heater requires tending only once a week and can be relied upon to deliver a regular supply of heat.

Brooder-Heater, price \$4.75, complete postpaid.

Postpaid price of parts of Putnam Brooder-Heater; Top \$2.50; Tank, \$1.50; Burner, \$1.25; Wick Holder, 20c; Wicks, 40c per dozen, postpaid.

**MOË'S WINTER FOUNTAINS**

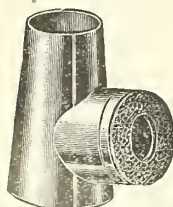
A simple and reliable fountain with heater. Made of heavy galvanized iron, easily filled, with nothing about it to get out of order.

The fountain has a capacity of 5 gallons, and the lamp holds sufficient kerosene to burn continuously for one week.

The fountain can be removed from the heater and used independently when desired.

Packed one in a box. Shipping weight 11 lbs. complete.

No. 75 each \$3.95, postpaid \$4.25.

**EGG TESTER**

To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

It will illuminate the interior of the egg and show if the chick is alive, and also show the size of air cell in the egg.

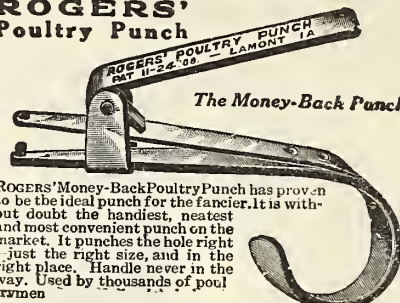
Price 25c, postpaid 28c.

Whitefish, Mont.

Dear Sirs:—We feel that we owe our success in raising our chickens to the Putnam Brooder and must say it can't be beat. Next year we intend to raise a large number of chicks and turkeys and will depend on Putnam Brooder-Heaters and Pratt's Buttermilk Baby Chick Food to bring them through.

Very sincerely,

MRS. T. F. M.

**ROGER'S POULTRY PUNCH****ROGERS' Poultry Punch***The Money-Back Punch*

ROGERS' Money-Back Poultry Punch has proven to be the ideal punch for the fancier. It is without doubt the handiest, neatest and most convenient punch on the market. It punches the hole right—just the right size, and in the right place. Handle never in the way. Used by thousands of poultrymen.

It is strongly made and is absolutely guaranteed to give satisfaction or your money refunded.

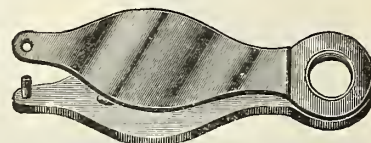
Price: 40c.

Postpaid 42c.

**S. N. & S. CO'S. POULTRY PUNCH**

One of the most convenient punches made. It is small and easy to operate, cutting a clean hole every time. Nickel plated.

Price 25c, postpaid 27c.

**CHINA NEST EGGS**

Made of white porcelain, natural in appearance and uniform in size. They induce the hen to lay where she should. With these there is no danger of getting stale eggs mixed with the fresh ones, or the hens acquiring the habit of egg eating. They are extra heavy and will not easily break. 6 for 20c, postpaid 28c; 12 for 35c, postpaid 45c.

**LIME NEST EGGS****Strong—Durable—Cheap**

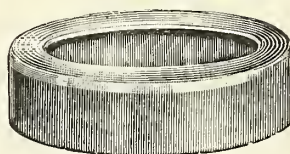
The lime nest egg is made from pure sterilized sulphate of lime which has been used by poultry raisers for many years to aid in keeping the nests in a clean and healthy condition. This egg has a neat and smooth appearance and in color, size and shape it is almost an exact duplicate of a real chicken egg, will not break. 6 for 30c, postpaid 38c; 12 for 50c, postpaid 60c.

**AUTOMATIC CHICK GREASER****Every Chick His Own Doctor****SAVES****TIME****SAVES****MONEY**

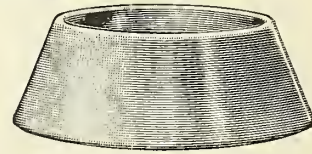
It is the large lice which collect on the heads of young chickens which cause them to droop and die. Formerly, the only way to get rid of these lice was to catch each chick and rub grease on its head, but this slow and tedious process is not necessary since the invention of the **Automatic Chick Greaser**.

The wick around the upper part of the Greaser is saturated with oil (a mixture of two-thirds lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes. This apparatus saves much time and trouble and adds considerable to the profits.

Price, \$1.35, postpaid \$1.45.

**RED WING FEEDING JARS****For Rabbits, Dogs, Foxes, Cats, Etc.**

No. 1



No. 2

Are made of fire clay, highly glazed, therefore easily cleaned, and can be kept absolutely sanitary at all times. 7 inches in diameter, heavy and cannot be tipped over.

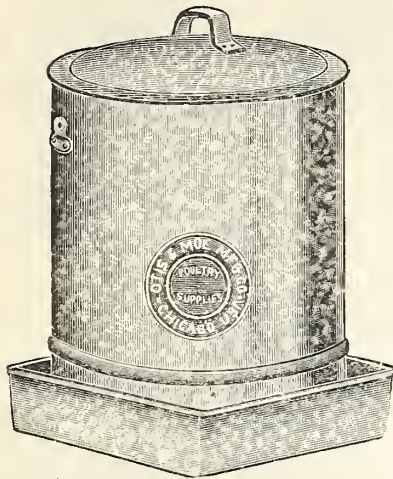
**Price**

No. 1 .....40c.....postpaid 55c  
No. 2 .....35c.....postpaid 47c

Sprayers for using Poultry Disinfectants for Poultry Houses, Etc.—See Page 128.



## IMPROVED TOP FILL FOUNTAIN



Made of heavy galvanized iron, with double walls, which keeps the water cool in summer, and retards freezing in winter. Feeds automatically, no valves to get out of order. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Thoroughly sanitary and as easily cleaned as an ordinary pail.

Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

Fill the fountain in the morning and the chickens have an all day's supply of pure water at just the right temperature.

The best and most popular fountain on the market.

No.			
1—1 Gal size	\$1.70	.....	postpaid \$1.85
2—2 Gal size	\$2.85	.....	postpaid \$2.95
4—4 Gal size	\$3.15	.....	postpaid \$3.40

## BOTTOM FILL FOUNTAIN



This fountain fills the breeders requirements for a good inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. Made of best quality galvanized iron in three popular sizes.

No.			
19—1 qt.	\$ .25	.....	postpaid \$ .35
20—½ gal.	\$ .40	.....	postpaid \$ .50
24—1 gal	\$ .55	.....	postpaid \$ .65

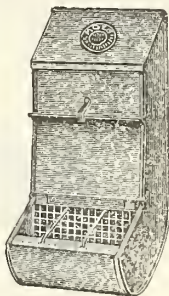
## DRY MASH HOPPER

A Dry Mash Hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

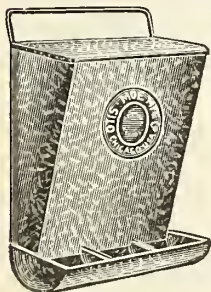
The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed. The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.

No.			
13—18 inches wide	\$2.40	.....	Postpaid \$2.65
37—24 inches wide	\$3.10	.....	postpaid \$3.35



## GRIT AND SHELL BOX



The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy prime condition. There is no more economical method of supplying grit, etc., than with these practical, inexpensive compartment boxes. No solder used in their construction.

Can also be used as feed hoppers for little chicks.

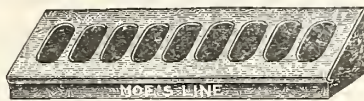
This self-feeding box can be set on the floor or hung on the walls as desired. The birds can help themselves at all times and the supply is kept clean.

Made of heavy galvanized iron in two sizes.

No.			
9—3 compartment	\$ .95	.....	postpaid \$1.10
90—4 compartment	\$1.25	.....	postpaid \$1.40

## SINGLE FEEDING TROUGH

For Chicks and Growing Stock



No.			
56—18 inch	.....	\$ .35	
Postpaid	.....	\$ .45	
57—24 inch	.....	\$ .45	
Postpaid	.....	\$ .55	

## DOUBLE FEEDING TROUGH

For Chicks and Grown Stock

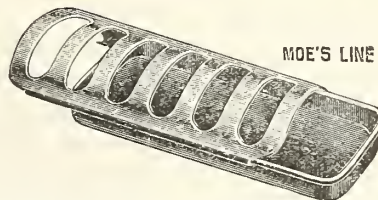


59—18 inch	.....	\$ .55	
Postpaid	.....	\$ .65	
60—24 inch	.....	\$ .65	
Postpaid	.....	\$ .75	

Made of best quality galvanized iron. No sharp or rough edges to injure the birds. Sliding top. Easily cleaned.

## SANITARY FEEDING TROUGH

FOR GROWING FOWLS



Suitable for dry feed, wet mash, or water. For grown fowls.

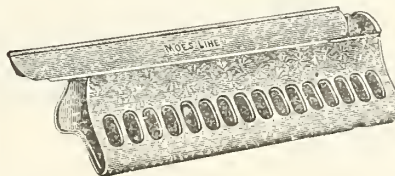
The tops slide off, the pan can be easily cleaned, and filled.

Made of best quality galvanized iron. The edges of the slotted openings are all turned over and smoothly finished.

No sharp or rough edges to injure the birds. The feed saved by using troughs will more than pay their cost in a short time. Made in two sizes.

No.			
22—18 inch	\$ .55	.....	postpaid \$ .65
23—24 inch	\$ .70	.....	postpaid \$ .85

## PEERLESS FEEDER



The finest feeder made to care for both large and small flocks. A wonderful feeder for young growing stock, and a great time labor saver when chicks are raised in large numbers. Made of heavy galvanized iron with a large capacity.

Sliding top cover, easy to fill and clean, and the birds cannot roost on the cover to foul the feed.

Feeder, capacity 10 quarts, 16 openings on each side, \$1.30, postpaid, \$1.50.

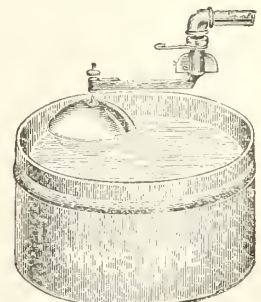
## NEW AUTOMATIC FOUNTAIN

A perfect automatic valve float, to regulate the flow of water to a drinking dish. The valve mechanism is entirely of brass, nickel finish, with nothing about it to rust or clog up. Positive in action.

Where one or more of these automatic valves are installed in a poultry yard the watering problem is solved. A great labor saver.

The valve can be attached to any iron water pipe, or to a barrel or tank, and insures a continuous, automatic supply of water, without waste.

Valve is threaded for ¼ inch iron pipe. The wire hook holds the float up while pan is being cleaned or removed. Price each, complete, as illustrated, \$1.50, postpaid \$1.70.



"Black Leaf 400" for delousing chickens—See page 120.



# QUEEN INCUBATORS

**FAMOUS FOR BIG HATCHES OF STRONG HEALTHY CHICKS. HATCHES EVERY HATCHABLE EGG**

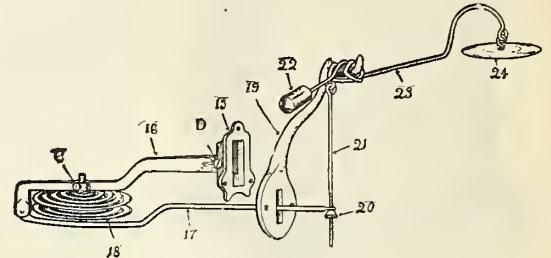
The Incubators and Brooders offered have been selected for their proved efficiency as hatchers and chick-raisers. They are the products of the oldest and most successful manufacturers—the pioneers who blazed the way and by their untiring efforts have made artificial incubating and brooding the great success they are today.

**Prices and sizes of Queen Incubators—Delivered Prices**

Queen No. 1,	85 Egg.....	\$ 27.50
Queen No. 2,	135 Egg.....	33.00
Queen No. 3,	180 Egg.....	38.50
Queen No. 4,	275 Egg.....	51.00

Queen No. 5,	400 Egg.....	60.50
Queen No. 25,	600 Egg.....	97.50
Queen No. 30,	800 Egg.....	148.00
Queen No. 40,	1000 Egg.....	192.00

**WRITE FOR SPECIAL  
ILLUSTRATED INCUBATOR  
AND BROODER  
CATALOG—FREE**



## PRICE LIST OF REPAIRS FOR QUEEN INCUBATORS. ORDER BY NUMBER

Lamp Wicks 1 in. or 1½ in. 5c each. Doz. 50c, postpaid 55c.	
Lamp Complete 6x4 either burner .....	\$2.50 postpaid \$2.65
Lamp Bowl for 1 in. wick Burner .....	\$1.25 postpaid \$1.35
Lamp Bowl for 1½ in Wick Burner .....	\$1.50 postpaid \$1.60
No. 35 Lamp burner for 1 in. wick .....	\$1.00 postpaid \$1.15
No. 30 Lamp burner for 1½ in. wick .....	\$1.00 postpaid \$1.15
Instruction books for Queen Incubators .....	10c postpaid

"C" Wafer Set Screw .....	\$ .15 postpaid	\$ .17
No. 16 and 17 Wafer Holder and Rod .....	1.25 postpaid	1.35
"D" Bracket Screw .....	.15 postpaid	.17
No. 15 Wafer Holder Bracket .....	.50 postpaid	.60
No. 18 Wafer Thermostat .....	1.00 postpaid	1.10
No. 19 Fulcrum .....	.50 postpaid	.60
21 and 20 Connecting Rod and Burr Complete .....	.50 postpaid	.52
Connecting Rod (Burr only) .....	.25 postpaid	
22 Counter Weight .....	.35 postpaid	.40
23 Damper Lever .....	1.00 postpaid	1.10
24 Damper .....	.35 postpaid	.37
20, 21, 22, 23 and 24 Damper Lever complete..	1.75 postpaid	1.85

## PRICES AND SIZES OF QUEEN COLONY BROODERS—DELIVERED PRICES

No. 0— 400 Chick .....	\$16.50
No. 1— 800 Chick .....	20.50
No. 2—1200 Chick .....	24.75

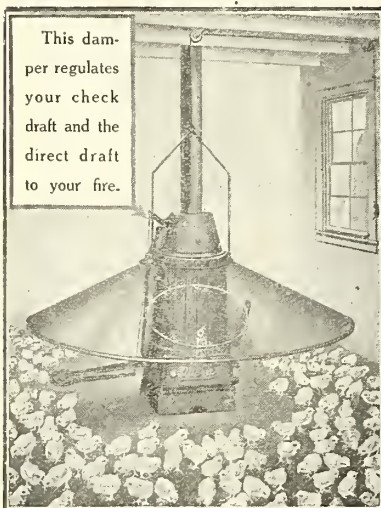
We recommend No. 2 as the most practical. We do not furnish stove pipe. Connect three inch stove pipe to stove and taper up to six inch for best results.

## PRICE LIST OF PARTS FOR QUEEN COLONY BROODER

**Order by Number, and State for No. 1 or No. 2 Stove**

No.	No. 1 Stove	No. 2 Stove	No.	No. 1 Stove	No. 2 Stove
1 Cylinder .....	\$7.00	\$9.00	15 Shaker .....	.50	.50
2 Base .....	3.50	4.00	16 Damper Wire .....	.15	.15
3 Bottom .....	3.50	4.00	17 Damper Guard .....	.50	.50
4 Long Grate .....	1.50	1.75	18 Grate Lock .....	.60	.60
5 Short Grate .....	1.50	1.75	19 Base Bolt .....	.25	.25
6 Hood Wire .....	.25	.25	20 Damper .....	.75	.75
7 Wafer or Thermostat .....	.75	.75	21 Rope and Pulleys .....	.65	.65
9 Arm (upper) .....	1.50	1.50	22 Knob .....	.25	.25
10 Arm (lower) .....	1.00	1.00	23 Wing Nut .....	.25	.25
11 Baffle Plate .....	1.00	1.00	24 Draft Flue .....	2.00	2.50
12 Ash Door .....	1.00	1.10	25 Dome .....	3.00	3.50
13 Ring .....	2.00	2.25	26 Hover .....	7.00	9.00
14—Feed Door .....	1.00	1.25			

**If Wanted by Mail Add Postage**



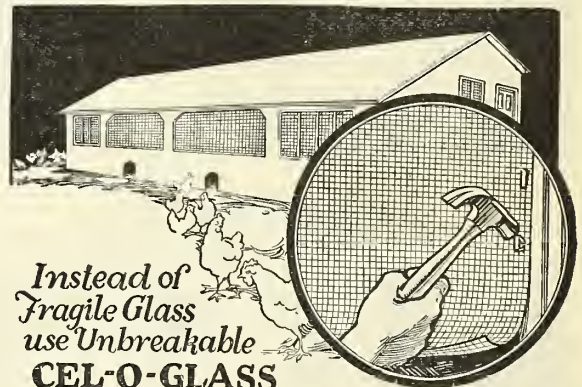
**QUEEN COLONY BROODERS**

## A SUBSTITUTE FOR GLASS—WILL NOT BREAK

Probably no invention in recent years has produced a material so revolutionary in its basic construction as CEL-O-GLASS. Ever since the adoption of glass for general use, there has been an increasing demand for an unbreakable, economical substitute for glass.

Now for the first time a material has been perfected which has all of the advantage of glass without any of its disadvantages. This product is known as CEL-O-GLASS. CEL-O-GLASS is an unbreakable, highly translucent material made by coating tough wire mesh with a transparent substance that lets through practically as much light as clear glass. CEL-O-GLASS is very light in weight, absolutely waterproof and extremely easy and economical to use. It is flexible, comes in rolls and can be used almost any place where fragile glass is required. CEL-O-GLASS is a high grade, low priced substitute for glass. It is unaffected by rain, hail, snow, sun or wind and can be bent or cut to any desired shape and is practically indestructible. Cel-O-Glass is radically different from ordinary glass, yet in practical use answers all demands and offers very decided advantages. Cel-O-Glass can be used on greenhouses, hotbeds, cold frames, poultry houses, scratch pens, brooder houses, and all out buildings. It is no longer necessary to worry as breakages are entirely eliminated. Cel-O-Glass is the cheapest in the end. Anyone can install CEL-O-GLASS—anywhere. Simply cut it to size and tack it in place. Requires no sash or glazing.

## CEL-O-GLASS



Width of roll	Length of Roll	per sq ft.	Prices Delivered
26 in.	25 ft. roll	18 c sq ft.	\$ 9.75
26 in.	50 ft. roll	17¾ c sq. ft.	\$19.25
26 in.	100 ft. roll	17½ c sq. ft.	\$37.95
26 in.	less than 25 ft. roll	20 c sq. ft.	Delivered or 43½c per running ft
36 in.	25 ft. roll	17 c sq. ft.	\$12.75
36 in.	50 ft. roll	16¾ c sq. ft.	\$25.15
36 in.	100 ft. roll	16½ c sq. ft.	\$49.50
36 in.	less than 25 ft. roll	19 c sq. ft.	Delivered or 57c per running ft.



## PLANT FOODS AND FERTILIZERS



**EXCELSIOR PLANT FOOD**—The original odorless house plant food. Producing vigorous healthy growth. Endorsed by the leading horticulturists, private and market gardeners, and park superintendents. 5 oz. pkg. 25c, postpaid 33c, 12 oz. pkg. 50c, postpaid 58c.

## BONE MEAL

A well known fertilizer, for all purposes, safe and effective. 1 lb. 10c; postpaid 15c; 10 lbs. 65c; postpaid 90c; by express or freight, 100 lbs. \$4.25.

## PEERLESS BRAND

## SHEEP MANURE—Pulverized

## The Best Fertilizer for the Lawn and Garden

As a spring or fall top-dressing for lawns, it is the best that can be procured. No offensive odor, and no unsightly chunks to rake off. The first shower or watering carries the soluble particles down to the roots, and rapidly produces a most luxuriant growth. SHEEP MANURE is the very best for securing rapid growth and adds humus to light soils.

Can also be used as liquid manure, in water. For general use apply 50 lbs. to every 100 square feet. 600 to 800 lbs. per acre for lawns. For general field and garden use—1 ton per acre.

100 lb. sack \$2.00; 50 lb. sack \$1.25.

Price F. O. B. Helena, by express or freight.

We also carry the above brand of sheep manure put up in small packages for the benefit of our customers who have only a few house plants. The fertilizer has been specially treated and rendered practically odorless. Each package contains full directions for use.

2 lb. package 25c, postpaid 37c; 5 lb. package 50c, postpaid 68c.

For larger quantities write for special prices.

## STIM-U-PLANT

## PLANT STIMULANT TABLET

## THE MAGIC FERTILIZER IN TABLET FORM

## GLORIOUS GARDENS—PERFECT HOUSE PLANTS

The most modern, efficient and scientific method of fertilizing growing plants.

As every kind of plant grows in the garden, orchard, and farm, feed it along with Stim-U-plant tablets. These tablets contain highly concentrated, immediately available forms of plant food for use in stimulating fruit, flower, vegetable, and ornamental plants, and may be used in liquid or tablet form.

They increase production, hasten maturity, improve quality and better the color of the plants and products. Their use is highly profitable, for all these benefits cost only a fraction of a cent for each application.

Once in the soil they immediately dissolve and mingle with the soil-water, pass into the root hairs and roots to begin feeding the plants. No matter how fertile the soil may be, Stim-U-plant is effective in feeding the crops because of its rich, available food content. Full directions on every package.

Small size, 30 tablets ..... \$ 25; Postpaid \$ .30  
Medium size, 100 tablets ..... .75; Postpaid .85  
Large size, 1,000 tablets ..... 3.50; Postpaid 3.70

## NITRATE OF SODA

## Stimulates the Production of Plants

A fertilizer for all crops, quick in action and hastens the maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above the ground, when 200 to 300 lbs. per acre is sufficient. Usually in combination with other chemical fertilizers. Nitrate of Soda is the best form in which nitrogen can be restored to the soil. It is of special value for crops such as Peas, Corn, Beets, Cabbage, Sugar Beets, Potatoes, and Sorghum, etc. also small fruits, Nitrate of Soda does not exhaust the soil. Do not allow solution to touch foliage. Dissolve 1 oz. to 3 gal. or 1 lb. to 50 gals. 2 lbs. 25c, postpaid 35c; 5 lbs. 60c, postpaid 78c; 10 lbs. \$1.10, postpaid \$1.38; 100 lbs. \$10.00 F. O. B. Helena.

## SEED INOCULATION



Inoculated Roots  
Roots like this mean bigger  
yields—better soil

STIMUGERM  
LEGUME INOCULATION

(Formerly Called Farmogerm)

The Best Inoculation for All Legume Seeds

MEANS BETTER CROPS—BETTER SOILS

LESS FERTILIZER EXPENSE

Stim-U-Germ the "Always Fresh" Inoculant

WHAT STIMUGERM IS: A pure culture of nitrogen-fixing bacteria of highest quality. By reason of the patented stopper, which admits air and excludes contaminations, STIMUGERM is guaranteed for five years—always fresh—always strong and virile.

## A Sensible Insurance and a Profitable Investment

We believe in inoculation, we favor the pure jelly medium, and we believe in STIMUGERM. We recommend that all legume seeds purchased from us be inoculated before planting.

## IMPORTANT NOTICE

When ordering, be sure to state what crops you wish to inoculate

(One bushel size contains sufficient bacteria to thoroughly inoculate one bushel of designated variety of legume.

## NEW LOW PRICES

For small seeds—Clovers, Alfalfa, etc.

1/4 bu. size ..... \$ .35  
1/2 bu. size ..... .60  
1 bu. size ..... 1.00  
2 1/2 bu. size ..... 2.25

Prices on Cultures for Large Size Seeds, Soy Beans, Cowpeas, Peas, Beans, etc.

1/2 bu. size ..... \$ .35  
1 bu. size ..... .60  
2 bu. size ..... 1.10  
5 bu. size ..... 2.25

Special Garden Size for Peas, Beans, and Sweet Peas, 25c

By using Stimugerm you will insure large, luscious peas and beans, and abundant sweet pea blossoms of wonderful coloring.

LARGER  
CROPS WITH  
IT.

## McQueens Inoculator

BETTER  
SOIL AFTER  
IT.

The Modern & Guaranteed Inoculator.

Inoculation of legumes, such as alfalfa, clovers, peas, beans, etc (all pod bearing plants) is necessary to get the most value out of these crops and to improve the soil with them.

Good inoculation puts nodules on these roots. Nodules build up fertilizer from the air. McQUEEN'S is guaranteed or your money back—no chance taking on your part—guarantee on every package.

Directions on package make it easy to use—Applying to seed takes only few minutes and is simplicity itself.

## REDUCED PRICES

For Clover and alfalfa (all small seeds)

1/2 bu. size (30 lb. seed) ..... \$ .50  
1 bu. size (60 lbs. seed) ..... 1.00  
2 1/2 bu. size (150 lbs. seed) ..... 1.75

For peas, beans, vetches, soybeans (all large seeds)

1 bu. size (60 lbs. seed) ..... \$ .50  
2 bu. size (120 lbs. seed) ..... 1.00  
5 bu. size (300 lbs. seed) ..... 1.75

Garden combination (for peas, beans, limas, sweet peas) packets 20c

ALWAYS STATE KIND OF SEED YOU WISH TO INOCULATE



# DUBAY

## SEED DISINFECTANTS

Control Seed-borne Diseases of Farm Crops  
Stimulate Germination - Improve Stands  
Generally Produce Increased Yields of Higher Quality

### CERESAN

*for seed treatment of small grains*

Ceresan has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stripe disease of barley; loose and covered smuts of barley and oats and covered kernel smut of sorghum. It is the only dust treatment which has successfully controlled these destructive grain diseases. Ceresan does not injure the seed nor the grain drill. Only 2 oz. of Ceresan required per bushel of wheat, rye or sorghum and 3 oz. for barley and oats. Easy to apply, economical to use.  
Prices: 8oz. 50c, 1 lb. 75c, 5 lbs. \$3.00, 25 lbs. \$12.50, 100 lbs. \$49.00, 300 lbs. \$144.00.

### SEMESAN JR.

*for seed field and sweet corn*

Semesan Jr. is especially effective in controlling seed-borne infections of diplodia, Gibberella and Basisporium, without harming the seed embryo in the least. Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields are the benefits which thousands of farmers are reaping, at a cost of less than 3c an acre. Du Bay Semesan Jr., succeeds the products sold as Du Pont Semesan Jr.  
Prices: 4 oz. 50c, 1 lb. \$1.75, 5 lbs. \$8.00, 25 lbs. \$31.25, 100 lbs. \$120.00, 300 lbs. \$345.00.

*Du Bay Seed Disinfectants, like many agricultural chemicals, are poisonous in nature and owing to present Postal Regulations cannot be sent through the mails but must be sent by express or freight.*

**PREPAID**

## Treat All Seeds Before Planting with Du Bay Disinfectants

### SEMESAN BEL

*for seed white and sweet potatoes*

Simply mix, dip, drain, dry and your seed potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Semesan Bel effectively controls such seed-borne disease organisms as scab, rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed. Du Bay Semesan succeeds the products sold as Du Pont Semesan Bel.  
Prices: 4 oz. 50c, 1 lb. \$1.75, 5 lbs. \$8.00, 25 lbs. \$31.25, 100 lbs. \$120.00, 300 lbs. \$345.00.

### SEMESAN

*for flower and vegetable seeds*

Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from 1/4c. to 1c. per pound of seed. One ounce treats 15 lbs. of seed. Effective in controlling damping off and such devastating gladiolus diseases as hard rot and scab. Du Bay Semesan succeeds the products sold as Du Pont Semesan.  
Prices: 2 oz. 50c, 1 lb. \$2.75, 5 lbs. \$13.00, 25 lbs. \$56.25, 100 lbs. \$220.00, 300 lbs. \$645.00.



### SEMESAN

Give Your Seed The Advantage Over Unfavorable Weather And Costly Blighting Diseases

Ounce of Prevention Brings You Pounds of Profit



Semesan treated seed corn resulted in 133 1-3% increase.

### FREE BOOKLETS

Crop booklets, like the one illustrated below are sent on request. Name subject on which you want full information.



Potatoes

This crop, grown by R. B. Randall at Kimberly, Idaho, from Semesan Bel treated cull seed, exceeded 940 bushels per acre and was reported to be Idaho's record yield.

### DR. WILSON'S DUST AND SPRAY MASK

Don't breath poisonous and irritating dust and spray. Dr. Wilson's dust and spray mask gives protection to the throat and lungs and does away with the annoyance to the dusting and spraying operations. Whenever you have to work with dust or sprays wear this efficient health protector. Highly recommended. Price \$2.25, postpaid. Extra filters 10 for 25c, postpaid. See Cut.





# INSECTICIDES AND FUNGICIDES

FOR INSECT PESTS AND FUNGUS GROWTHS

Include Insecticides with your Order. You are sure to Need Them Later

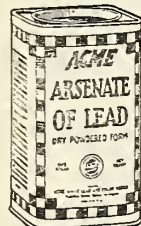


## ACME PARIS GREEN

A rich, emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quick-control where extreme measures are necessary.

For use on: Potatoes, use 3 teaspoonful to gallon of water or 1 lb. to 50 gallons for potato bugs, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

Prices: ¼ lb. 25c, 1 lb. 50c, 5 lbs. \$2.25, 14 lbs. \$5.00



## ACME ARSENATE OF LEAD

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes (3 teaspoonful to gallon of water). Can be used as dust or spray.

Prices: ½ lb. 30c; 1 lb. 50c; 4 lbs. \$1.75; 25 lbs. \$8.75.



## ACME GARDEN GUARD

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

Prices: 1 lb. sifter carton 25c, postpaid 33c, 5 lbs. 75c, postpaid 90c.



## ACME BORDEAU MIXTURE

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture. Use 8 level tablespoonsful to gallon of water, 5 lbs. to 50 gallons of water.

Prices: 1 lb. 35c, postpaid 43c, 5 lbs. \$1.40, postpaid \$1.58, 25 lbs. \$6.00, 100 lbs. \$20.00, by express or freight only.



## ACME ALL ROUND SPRAY

Flowers, vines, shrubs, roses, vegetables, need protection same as commercial crops. All Round Spray contains the three leading remedies used by all large growers. Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture.

Perfect protection for the small user is assured by complete directions in form of spraying guide attached to every package.

Prices: ¼ lb. 40c postpaid; 1 lb. 85c postpaid 93c.



## ACME BAIT-M

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn.

For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground.

Prices: 1 lb. 35c, postpaid 43c; 3 lbs. 65c, postpaid 75c.



## ACME LIME SULFUR

A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.

Prices: 1 lb. 40c, postpaid 50c; 5 lbs. \$1.80, postpaid \$2.00.



## ACME SPRAY SOAP

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used extensively with cylinder oils in making oil emulsions to reduce the surface tension.

In use with Nicotine greatly increases the value of that spray.

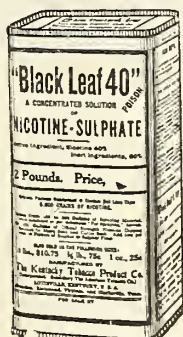
Prices: 1 lb. 35c, postpaid 45c.



# ACME SPRAYING GUIDE When and How to Spray—FREE

## "BLACK LEAF 40"

Nicotine Sulphate—40% Nicotine



"BLACK LEAF 40"—is well known both as a dip for livestock and as a spray for vegetables and flowers. It destroys Aphids (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage. May be combined with other sprays. As a Livestock Dip it is absolutely the best and it is recommended by the Livestock Sanitary Board of Montana as being practically the only dip that will kill Scab Mites.

For Dairy Cows it is especially valuable as it kills lice, ticks and mites. Wash thoroughly the infested parts of the dairy cows, which are generally the root of the tail, withers, etc. Full directions on every package.

1 oz.—\$ .35, postpaid \$ .40 .....makes 6 gallons  
½ lb.— 1.25, postpaid 1.35 .....makes 40 to 120 gallons  
2 lb.— 3.25, postpaid 3.40 .....makes 160 to 500 gallons  
10 lb.— 11.85, by express .....makes 800 to 2500 gallons

**SLUG SHOT—(Hammond's)**—A light non-poisonous composite fine powder for killing Potato Bugs, Currant and Cabbage Worms, Green and Black Fly, Beetles and Caterpillars. Not injurious to persons or animals. Easily distributed by Duster, Bellows or in water by spraying. Full directions on each package. 1 lb. perforated box 35c; postpaid 40c; 5 lbs. 85c; postpaid \$1.00; 10 lbs. \$1.50; postpaid \$1.70.

—USE ACME GARDEN GUARD



## CARCO-ROOT MAGGOT PREVENTATIVE

A wonderfully effective spray for destroying grubs, maggots and worms in the soil, which infect TURNIPS, RADISHES, BEETS, CAULIFLOWER, CABBAGE, ONIONS, etc., and highly recommended for use in combating CROWN BORERS in strawberries. The root maggot, as well as the strawberry crown borer, is hatched from an egg deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Carco is highly recommended by market gardeners and large growers of vegetables. Pint 75c, postpaid 90c, quart \$1.25, postpaid \$1.45, gallon \$2.50, by express only, F. O. B. Helena.

**VOLCK**—A powerful Insecticide for nursery, greenhouse and garden. Volck gives results because it successfully controls scale, mealy bug, white fly, red spider and mites, aphids, caterpillars and rose mildew, and all leaf eating insects on fruit trees and all kinds of nursery stock, etc.

Pint .....\$ .75 postpaid \$ .85  
Quart ..... 1.00 postpaid 1.17  
Gallon ..... 3.00 postpaid 3.25



**WEED KILLER**—Killing weeds thoroughly by application of this liquid has become general. It is a great labor saver. Use only on paths, drives, gutters and places where no growth is wanted. Apply after rain, while ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 50 gallons, sufficient to cover 100 square yards of surface. Price 1 quart 75c, postpaid 90c; gal \$2.25, by express only.

SEE PAGE 139 FOR PRACTICAL FARM AND GARDEN BOOKS



## INSECTICIDES AND FUNGICIDES

**PRUNING OR TREE PAINT**—You will find this much more effective in stopping "bleeding" of the sap after pruning trees, shrubbery, etc., than tar and other mixtures sometimes used. It effectually seals the surface and will not wash off with the weather. Pruning Paint is also an excellent preventive for worm boring. 1 quart can, \$1.20, postpaid \$1.35; gallon \$3.00 by express only.

**GRAFTING WAX**—Superior quality grafting wax. ¼ lb. 20c, postpaid 25c; ½ lb. 35c, postpaid 42c; 1 lb. 50c, postpaid 60c.

**TREE TANGLEFOOT**—The best remedy against ants, caterpillars and all tree crawling insects. Will remain sticky for three months. 1 lb. 60c; postpaid 70c; 5 lbs. \$2.75, postpaid \$2.93.

**DUSTING SULPHUR**—See Acme all round spray.

**ACME LONDON PURPLE**—London Purple is taking the place of Paris Green with many growers and is destined to become the most widely used insecticide for combating potato bugs, and other leaf-eating insects. It sticks to the foliage better than Paris Green, kills quickly without injuring the foliage. Mixes well in water, thereby insuring a uniform coating and is easily applied either wet or in dry form. The purple color shows plainly on the leaves, making complete covering possible. Best of all, it is less expensive than Paris Green, which means a saving of money to large growers. For potatoes use 2 to 3 level tablespoonsful to gallon of water. Price ¼ lb. 15c, 1 lb. 45c, 4 lbs. \$1.40, 100 lbs. \$26.00.



### GOPHER POISON Kill-Em-Quick

Kills Gophers, Squirrels, Prairie Dogs and Field Mice. Endorsed by the U. S. and Canadian Governments, County Agents, Farmers' Clubs, etc. Is found to be more economical and effective than anything else on the market. Best, cheapest and safest. Full directions on every package. Satisfaction guaranteed or money refunded. Ready to mix with your own grain. Package sufficient for 40 acres 75c, postpaid 83c; 100 acres \$1.50, postpaid \$1.60.

### CUT WORM KILLER

The most effective cut worm killer yet introduced. Just place a little around each hill as the seedlings break through. The food is so alluring to Cut Worms that they are attracted to it in place of any vegetation. One lb. sufficient for 100 plants in hills or for 100 feet of drill. Save your plants. 1 lb. 45c, postpaid 53c; 5 lbs. \$2.00, postpaid \$2.20.

## FLYOSAN

SAFE INSECTICIDE

Kills Flies by the roomful—Mosquitoes, too

### THE STRANGEST WAY TO KILL FLIES YOU EVER SAW

Just spray Flyosan into the air of a closed room; in five minutes all flies are dead—mosquitoes, too.

Flyosan is an effective, deodorizer and cleanser, harmless to human life, non-poisonous, non-injurious to fabric or woodwork. Indispensable for use in the home, factory, store, restaurant, bakery, on the farm or any other place. Kills flies, moths, roaches, water bugs, bed bugs, fleas, lice, mosquitoes, ants, and all insects. Directions on every package.

Combination (sprayer and pint can)	\$1.25	Postpaid	\$1.37
Pint	.75	Postpaid	.87
Quart	1.25	k Gallon	\$2.25
		1 Gallon	4.00
		Postpaid	\$2.42
			4.27

### CYANOGAS—(KILLS)

"IT'S EASY TO KILL RODENT PESTS NOW"

When used as per directions it gives off a gas, that is deadly to rodent and insect pests, and kills them almost immediately. Cyanogas will kill Gophers, Rats and Mice, Ants, Fleas, Moles, Snails, Slugs, Squirrels, Wireworms, etc. The pests don't have to eat Cyanogas or even touch it. It gets them wherever they are, none can escape it. Cyanogas is easy, quick and thorough. "It kills."

**Cyanogas—Granular**—To use with a spoon. 1 lb. can 75c, postpaid 85c; 5 lb. can \$1.75; postpaid \$1.93; 25 lb. can \$5.50 by express only.

**Cyanogas—A Dust**—Quick acting, can be used in the Cyanogas duster, ¼ lb. can 75c, postpaid 85c; 5 lb. can \$2.50, postpaid \$2.58; 25 lb. can, \$5.50, by express only.

CYANOGAS DUSTER, SEE PAGE 132

**COPPERCARB**—(Especially recommended for spring wheat treatment)—A copper carbonate powder for dusting to prevent smut on spring Wheat, Sorghums, Oats, etc. More convenient and economical than the wet formaldehyde method. Treated seed germinates much better. Use three ounces (equals 3 heaping tablespoonsful) coppercarb to a bushel of grain. It is easy to apply and holds its effectiveness for six weeks. 5 lbs. \$1.25, postpaid \$1.43.

**CORONA 50% COPPER CARBONATE**—Especially recommended for winter wheat treatment. Experimental tests over a period of years sustain our recommendations of this treatment over other treatments for Winter Wheat. We do, however, wish to emphasize the fact that the use of Corona 50% Copper Carbonate for Winter Wheat treatment is generally more satisfactory and even more economical in spite of its extra cost.

Thorough effectiveness in Winter Wheat treatment is necessary to have at least a 5% portion of metallic copper and a powder of extremely fine texture and adherence qualities in order to properly disinfect spread and stick to the grain.

We are offering the best brand of 50% copper carbonate obtainable and one which has all the qualities above named. Although perhaps a trifle higher in price than some other brands you will find from the point of effectiveness it is more economical. A coarse powder fails to spread thoroughly and is inefficient. Use 3 ozs. (equals 3 heaping tablespoonsful) of Corona 50% Copper Carbonate to bushel of grain. 5 lbs. \$2.00, postpaid \$2.18.

**NAPHTHALENE**—A soil Insecticide, prevents and repels all soil pests such as cut worms, slugs, snails, centipedes, ants, beetles and other insects. Price lb. 25c, postpaid 33c; 2 lbs. 40c, postpaid 52c; 4 lbs. 75c, postpaid 93c. For larger quantities write for prices.

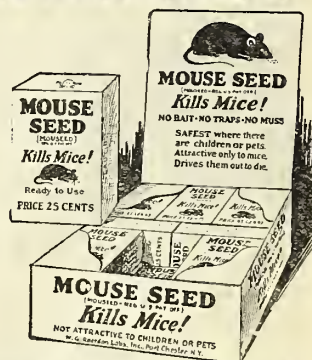
## MOUSE SEED

(MOUSESEED)

"Not a mouse in the house for 25c"

THE safer, surer, quicker exterminator. Tiny natural seeds treated chemically. Attractive to mice, unattractive to household pets. Ready to use. Cleanly. No bother or muss. Results are quickly obtained. Full directions on every package.

Package 25c, postpaid 28c;  
1 lb. pkg. \$1.50, postpaid \$1.60.



"A saucer and the seed is all you need"

### ANT KILLER

A VERY EFFECTIVE AND MUCH NEEDED PRODUCT FOR USE EVERYWHERE

#### Suggested Directions

Sprinkle a small quantity of the Key Brand Ant Killer around the ant holes. The ants carry the preparation into their holes, where they eat it and die. A very small quantity will quickly kill off an entire colony.

When the preparation is to be used on lawns, golf courses, etc., where the ant holes are not visible, it should be placed on small boards in the locations where the insects congregate, moving the boards frequently, so that the grass beneath them will not die out. Also be careful not to spill any of the KILLER on the grass, as it will burn the grass.

Packed only in individual Improved Containers. Price 50c, postpaid 60c. \$5.50 per dozen by express.

DR. WILSON'S DUST AND SPRAY MASK (See Page 126)

SEE PAGE 139 FOR PRACTICAL FARM AND GARDEN BOOKS



## GARDEN HOSE

Actual tests have proven that  $\frac{5}{8}$  inch hose is more practical than  $\frac{3}{4}$  inch hose for ordinary conditions. Electric is a hose you can twist, tie in knots, yank and haul without even a kink, and that means leakproof, lasting service.

Electric Hose cannot kink because it is built like a cord tire. Not made like ordinary hose of strips of common duck coated with rubber. This common, rubber-daubed hose kinks, comes apart at the seams and leaks. Electric hose with its seamless, cord tire construction is free from these defects.

Just as a cord tire is re-enforced by its network of cords, so Electric hose is given strength by braided jackets of sturdy seine cord. These are surrounded by layers of tough new rubber. Heat and high pressure from within vulcanize the cord and rubber into a seamless, inseparable tube. Makes them one. Nothing can tear them apart. Outside a heavy ribbed "tread," or covering, of new Ceylon rubber protects the hose just as the tread protects a cord tire.



## ELECTRIC HOSE

This cut shows the jackets of sturdy seine cord surrounded by layers of live, elastic rubber. It also shows the **ELECTRIC** trademark which should appear upon the hose you buy.

Electric Hose is acknowledged today to be the best Hose that can be procured at any price. "Wears like a pig's nose."

Couplings attached	per foot	Couplings attached	per foot
$\frac{1}{2}$ inch—25 or 50 ft. length	23c	$\frac{1}{2}$ inch—over 50 feet,	22c
$\frac{5}{8}$ inch—25 or 50 ft. length	24c	$\frac{5}{8}$ inch—over 50 feet,	23c
$\frac{3}{4}$ inch—25 or 50 ft. length	25c	$\frac{3}{4}$ inch—over 50 feet,	24c



## BLACK FIN

**BLACK FIN**—considerably cheaper hose than Electric, but one we can recommend for a cheap hose.

Couplings attached	per foot	Couplings attached	per foot
$\frac{1}{2}$ inch—25 or 50 ft. length	12c	$\frac{1}{2}$ inch—over 50 feet,	11c
$\frac{5}{8}$ inch—25 or 50 ft. length	13c	$\frac{5}{8}$ inch—over 50 feet,	12c
$\frac{3}{4}$ inch—25 or 50 ft. length	14c	$\frac{3}{4}$ inch—over 50 feet,	13c

**NOTICE**—We have discontinued handling the cheap grades of garden hose. Get the best (Electric) without regard to price.

**Extra Hose**,  $\frac{3}{8}$  inch for Perfection and Junior Sprayers, 20c per foot in any length.

**HOSE WASHERS**—Fits  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$  inch—per doz. 10c, postpaid 12c.

## HOSE MENDERS

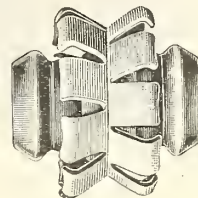


**COOPER HOSE MENDERS**—(Brass)—For joining a broken hose, cut through and insert the mender. No clamps required,  $\frac{1}{2}$ ,  $\frac{5}{8}$  or  $\frac{3}{4}$  inch. State size wanted. Each 10c, postpaid 12c; dozen \$1.00, postpaid \$1.10.

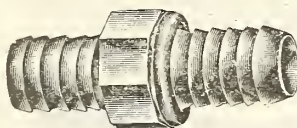
**PERFECT CLINCHER HOSE MENDER**—No wiring, no screws, no tools needed except a hammer; no obstruction in the hose; a boy can use them and make a perfect mend, a one-piece article which does the work of the mender and tube and two clamps ordinarily used.

$\frac{1}{2}$ ,  $\frac{5}{8}$  or  $\frac{3}{4}$  inch. State Size Wanted.

Price each, 15c; postpaid 17c; dozen \$1.25, postpaid \$1.35.



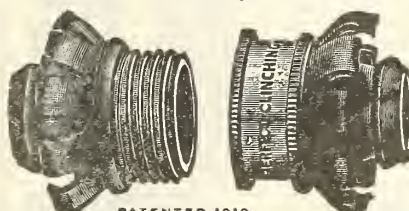
## HOSE COUPLINGS



**HOSE COUPLINGS**—(Brass)—In  $\frac{1}{2}$ ,  $\frac{5}{8}$  or  $\frac{3}{4}$  in. State size wanted. Each 10c, postpaid 13c. Dozen \$1.00, postpaid \$1.20.

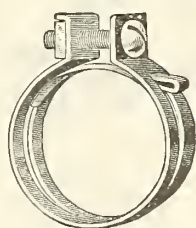
**HOSE WASHERS**—Fit  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$  inch. Per dozen 10c, postpaid 12c.

**"PERFECT CLINCHING" HOSE COUPLINGS**—Slip it in the hose and hammer down—that's all. A self-fastening coupling, that does not require extra bands, bolts, or wires. It adjusts itself to any thickness of hose. A fixed hold—it will not pull off. It cannot turn within the hose, a great gain over other couplings. A smooth joint with no projecting parts. A perfect joint that cannot leak. The harder the pressure, the tighter it gets. The tough brass in the clamping fingers permits taking off and using again. Strong and durable at every joint.  $\frac{1}{2}$ ,  $\frac{5}{8}$  or  $\frac{3}{4}$  inch. State size wanted.



PATENTED 1910

Price, 25c; postpaid 28c. Dozen \$2.75, postpaid \$2.87.



## HOSE BANDS OR HOSE CLAMPS—

For fastening the hose to a coupling with nut and screw.

$\frac{1}{2}$ ,  $\frac{5}{8}$  or  $\frac{3}{4}$  inch. State Size Wanted.

Each 5c, postpaid 7c.

Dozen 50c, postpaid 60c.

## The "SNAP" HOSE COUPLING

Best coupler, simple, durable, always tight. For  $\frac{3}{4}$  inch hose. Per pair 30c. Just Snaps together "That's All."



**GOOSE NECK**—Use with the snap hose coupling, permits the easy swivel and prevents the hose from breaking at the coupling. Price 15c postpaid.

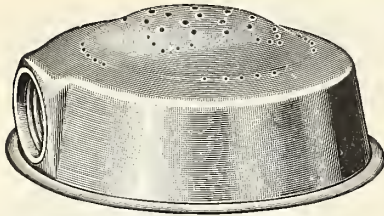
## HELENA

is the city of wonderful shipping facilities, the home of the **STATE NURSERY & SEED CO.**, where we handle Peerless Flower, Vegetable and Field Seeds, Bulbs, Shade and Fruit Trees, Small Fruits, Hardy Shrubs, House and Garden Plants, Poultry Remedies and Supplies, Insecticides, Hand Sprayers, Dusters and Barrel Pumps, Garden Tools and Requisites. Also manufacturers of Poultry and Dairy Foods. We are no farther away from you than your **TELEPHONE** or **TELEGRAPH** station. **HELENA** has **AIR MAIL SERVICE**. Every order is given as much attention as is humanly possible.

Yours for **SERVICE** and **QUALITY**.

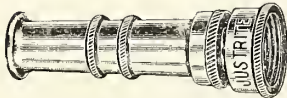


## LAWN SPRINKLERS

**THE SQUARE FOUNTAIN SPRINKLER**—

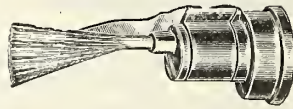
The lower holes throw a wide spreading square, from the crown is omitted a volume of smoky mist that is unsurpassed for beauty. It gives an even distribution seldom equaled. It will sprinkle the side of your house, along the walk and reach the edges without

throwing water over the passerby. It is not necessary to sprinkle half the grass twice to get over it, thus covering the ground with the least water. Made of heavy brass. Price 65c, postpaid 75c.



**JUSTRITE SPRAY NOZZLE**—The brass nozzle for hand use; will throw a straight stream also fine or coarse spray, and the shut off is positive, without the possibility of leakage, recommended by all. Price 60c, postpaid 65c.

**CHAMPION NOZZLE**—Two in one combination nozzle and sprinkler, the water volume is as great with spray as with solid stream. There is no shut off and, therefore, no back pressure on the hose. Spray is graduated by the revolving sprayer plate. Price 50c, postpaid 60c.



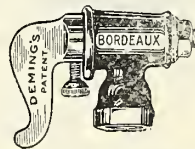
Champion Nozzle



Twin

**"TWIN" SPRINKLER**—See cut. Made of zinc metal and cannot rust. Will cover the lawn evenly for 16 feet radius. Very popular, price 40c, postpaid 47c.

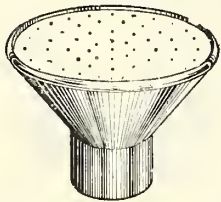
**BORDEAUX SPRAY NOZZLE**—It is a general purpose spray nozzle. Throws a solid stream, coarse or fine mist, or it may be cut off. Excellent nozzle also for white washing, disinfecting, etc. Price \$1.25, postpaid \$1.35.



**EUREKA SPRAYING NOZZLE**—Throws conical-shaped spray. Discharges by pushing against fence or tree. Price 70c, postpaid 75c.



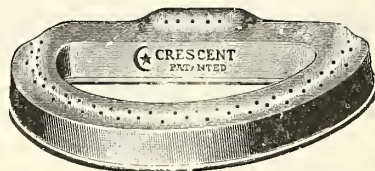
Eureka



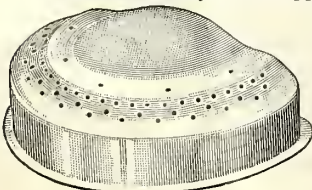
**"ROSE" OR "BOSTON" SPRINKLER**—A good serviceable, low priced sprinkler, throwing the well known rose spray. Works well on either high or low pressure. Made of brass with a heavy cast brass base. Price \$1.00, postpaid \$1.10.

**CRESCENT SPRAYER**

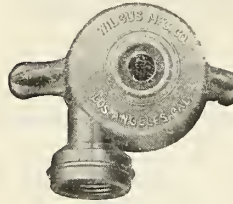
—A sprinkler that throws all the water to the front and sides, leaving the sidewalk dry. Price 85c, postpaid 95c.



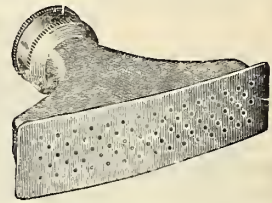
**"HANDY" FOUNTAIN SPRINKLER**—Not very big, costs very little; but it sprinkles as much ground as the big ones. It throws all the water away from the hose end, giving a beautiful fountain spray. No tipping over, just walk up to it and adjust it after the water is turned on. When held in the hand is splendid for sprinkling flowers. The weight of the metal and shape make it proof against hard knocks. Made of heavy No. 22 gauge brass. 4½ inches long by 2¼ inches high. Price 50c, postpaid 55c.



**FLARING ROSE SPRINKLER**—Especially adapted for flowers and delicate foliage. It throws a fine spray that can be placed exactly where you want it, without waste of water. Price 70c, postpaid 75c.

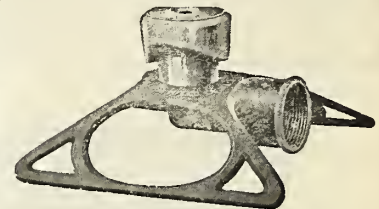


Wilgus No. 1

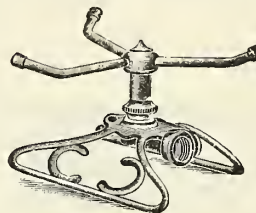


**"WILGUS NO. 1"**—The original Wilgus sprinkler; one of the leaders of the type, and one of the best. Works well on all pressures. Price 50c; postpaid 55c.

**"WILGUS NO. 21"**—This sprinkler is mounted on a heavy cast iron base, japanned. Meets the desire for a sprinkler that will not turn over no matter what pressure is on hose and at same time can be moved on the sod like runners. Water is delivered in a very fine spray even on a light water pressure. Price \$1.25, postpaid \$1.35.

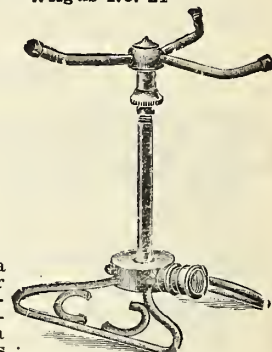


Wilgus No. 21



Zenith

**ZENITH SPRINKLER**—Represents a new principle in revolving sprinkler heads, friction being almost eliminated, and reducing leakage to a minimum. The Zenith is mounted on a sled as shown in cut. Height 5 inches. A very useful sprinkler. Price \$1.50, postpaid \$1.65.



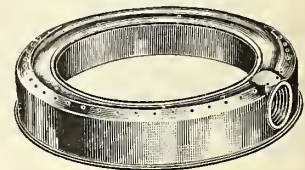
Anaconda

**THE ANACONDA**—Same as the Zenith—except the height, which is 11 inches. Price \$1.75, postpaid \$1.85.



Busy

**THE BUSY**—One of the best distributors of water on the market. Covers a circle of about 30 feet in diameter, very uniformly. The busy is a very popular sprayer. Price \$1.00, postpaid \$1.15.

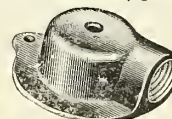


Ring

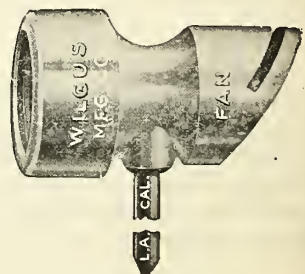
**RING SPRINKLER**—Made entirely of heavy sheet brass and measures about 8 inches in diameter. The Ring throws a fine mist, covers a large circle and can be conveniently moved about without shutting off the water. Guaranteed to stand water pressure of any Municipality. Price 90c, postpaid \$1.00.

**FAN SPRINKLER No. 8**—Made of zinc metal and shaped so that it will water a bed on one side only. A most convenient sprayer. Price 30c, postpaid 35c.

**C. B. G. SPRINKLER**—"Cheap but Good"—is deservedly very popular on account of low price. Price 35c, postpaid 45c.



C. B. G.



Fan



## SPRAYERS



## HUDSON PERFECTION SPRAYER

The World's Standard

The perfection sprayer has a tank made like a steam roller. The all riveted seams give the necessary strength for developing a high pressure which is absolutely essential for good results. The tank is 7½ inches in diameter, 20 inches long, capacity 4 gals., weight 10 lbs. The hose is 5 ply, nozzle is of the automatic type. This sprayer will handle whitewash, paints, bordeaux mixture, Paris green, etc., with equal facility. For very heavy liquids use the extra nozzle cap which is furnished with the sprayer. The perfection has the distinction of combined simplicity, convenience, strength and service. Furnished in galvanized steel. Price \$7.00, postpaid \$7.25.

We keep on hand all extra parts for Perfection Sprayer

Perfection nozzle \$2.00 postpaid \$2.10; outside disk 10c; inside disk 10c; fine spray disk 10c; washer 6c; nozzle cap 50c; nozzle screen 10c; ball 25c; gaskets 15c; shoulder strap with snaps 35c; valve spring 15c; handle 35c, postpaid 45c; pump plunger leather 10c; Hose with nozzle and clamps attached \$2.25, postpaid \$2.35.

Extra Hose, 3-8 inch for Perfection, and Junior Sprayers 20c per foot in any length



## HUDSON JUNIOR SPRAYER

The Junior Sprayer is made for the man who needs a high pressure compressed air sprayer smaller than the Perfection. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, or for disinfectants in hotels, restaurants, theatres and other public buildings. It will do any work the larger models can, for it differs from them only in capacity. It is substantially made and will give entire satisfaction. Tank—6½ inches in diameter, 17 inches long; capacity about 2½ gallons. Made of first quality galvanized steel.

Price \$5.00, postpaid \$5.25.

## HAYES BUCKET PUMP

All working parts are brass, solid bronze ball valves, malleable iron foot rest, double acting, discharges one half the solution on both the up and down stroke giving continuous spray. Light in weight, easy to carry, yet strong and powerful pump made of tested materials, strong and substantial, they will give long wear and satisfactory service. Will develop strong pressure.

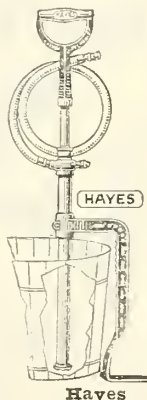
Price \$5.25, postpaid \$5.50.

8 foot galvanized extension \$1.50, postpaid \$1.60. Bucket clamps 50c each, postpaid 60c.



Scully Rubber Sprayer

**SCULLY RUBBER SPRINKLER** — For spraying small plants. An ideal one for house use. When once used you will wonder how you got along without it. Will last a lifetime. **The Best Rubber Sprayer Made.** Price \$2.00, postpaid \$2.10

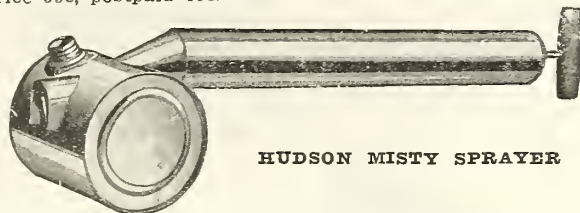


Hayes



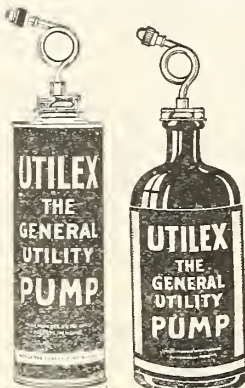
## HUDSON MIDGET SPRAYER

**HUDSON "MIDGET" SPRAYER**—A small, compact, substantial and very efficient sprayer. The midget is ten inches long, capacity one pint. Throws a fine uniform spray, and is an indispensable aid to the housewife for spraying house plants. Price 35c, postpaid 45c.



## HUDSON MISTY SPRAYER

**MISTY SPRAYER**—is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses, also for disinfecting poultry house, barns, etc. Made of good tin and holds 1 quart. Price 50c, postpaid 60c.



## UTILEX PUMP

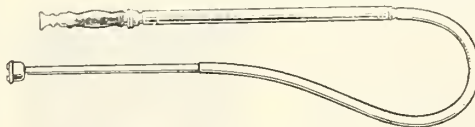
"Puts the Liquid where you want it"  
Stream or Spray

The general utility pump is a popular article for use in the home, laundries, dry cleaners, painting and decorating, in the garden, in fact can be used for all purposes, you can use oil, kerosene, gasoline, water, polishes, insecticides, semesan, disinfectants, etc. very convenient for spraying indoor plants and flowers. Utilex is an all brass pump which fits into either of two containers. Tin or glass. See illustration. Full directions enclosed with each pump. Price \$1.25, postpaid.

No. C-Tin No. B-Glass

HUDSON TROMBONE SPRAYER  
"Double Action"

The Hudson Trombone Sprayer is a high pressure sprayer adapted for spraying orchards, shrubbery, shade trees, potatoes, field crops; for whitewashing, disinfecting, washing windows and automobiles, fighting fires and numerous other purposes. It is double acting, maintaining a steady discharge. May be used with a bucket, barrel or tank fitted with all purpose nozzle which produces any desired type of spray from a fine mist to a solid stream. Price \$4.50, postpaid \$4.75.

THE STANDARD SPRAY PUMP  
A one-Man, One Hundred Purpose Pump

As supplied  
for spraying  
from bucket.



Using the Standard Pump with barrel and long hose

Used with bucket, knapsack, tank or barrel for spraying orchards, gardens, vineyards, also whitewashing, disinfecting poultry houses, killing vermin on stock, etc. It is made entirely of brass with two solid brass valves, no leather suckers or washers, no casting to rust, no leaking joints, no lost motion, nothing to get out of order. The accompanying illustration shows the standard Spray Pump attached to barrel with 30 feet of hose, enabling the operator to walk around without moving the barrel, covering the entire tree from the ground without the use of elevated platforms or ladder. Equipped with combination nozzles producing a fine mist—a wide spray 15 to 20 feet, or a solid stream 50 to 60 feet. Guaranteed 5 years. Price each \$6.00, postpaid \$6.25.

HAND DUSTER—See Page 132.

FOR SEED POTATOES SEE FIELD SEED SECTION



**CORONA HAND DUSTER**

This little Hand Duster is so constructed that it emits powder in clouds of the right consistency, at the same time works easily. The Corona Hand Duster is the most efficient Duster on the mar-

ket, and no other dusting device in its class can approach it for efficiency, ease of manipulation, simplicity and durability. It is so simple in construction that it eliminates all trouble.

Price \$1.25, postpaid \$1.35.

**HUDSON HAND DUSTER**

The Hudson Duster develops an unusually powerful air blast. It delivers sufficient air at the nozzles to prevent clogging, and to break the powder into a fine floating dust. The oscillating agitator keeps the powder from caking in the hopper and also feeds the powder down into the delivery spout. It can be set to feed exactly the amount of powder required. Will handle any powder, whether light or heavy. Capacity 5 to 10 pounds, depending on the powder used.

Made of lead coated steel throughout, neatly painted and finished. Gears are steel, machine cut, run in oil, reducing wear and noise. Gear case is oil and dust proof, yet readily accessible. Discharge equipment consists of two nozzles, two elbows, a wye connection, and four 15 inch tubes. This permits the use of one or two nozzles. Equipment can be arranged to dust plants from above or from under side as for Aphis, on bushes, trees, etc.

One in a heavy fibre carton. Shipping weight 22 pounds. Price \$15.00. If wanted by mail add postage.

**HUDSON MAJOR DUSTER**

**USED FOR CYANOGAS TO KILL GOPHERS**

This model of Major Duster is designed for handling Cyanogas. Equipped with 12 inch pipe extension and a 12 inch piece of flexible tubing. This may be attached as shown in the illustration, or the pipe may be attached directly to the duster, then the hose slipped on the far end. This equipment facilitates reaching underground passages of rats, moles and other burrowing pests.

May also be used in the back yard garden, barn yard, on truck and field crops, dusting vines and plants, etc. Produces as generous a volume as is desired, from a very thin haze to a very heavy cloud.

Large filler cap facilitates loading. Strainer designed to prevent clogging and to insure uniform volume of discharge.

Price \$1.50, postpaid \$1.60.

**THE PEERLESS BARREL PUMP**

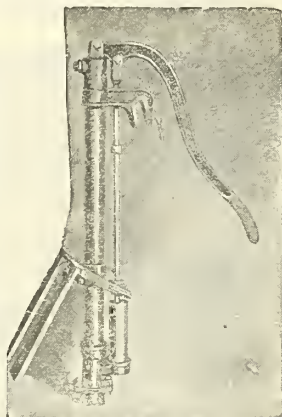
For Spraying Small and Medium-Sized Orchards, etc.

The "Peerless" has become a very popular sprayer. It ranks first among the medium priced thoroughly tested out. Its rigidity during operation by anchor in bottom of barrel is a most desirable feature. It is a boon to the average farmer who is not engaged extensively in fruit growing. The "Peerless" is very compact, durable and efficient.

The "Peerless" barrel sprayer has one 12½ foot section of ½ inch hose, couplings, agitator and disc strainer, also Simplex Nozzle.

No. 1721—Price complete \$15.85.

Direction for use furnished with each Sprayer. Special pump and sprayer catalog free on request.

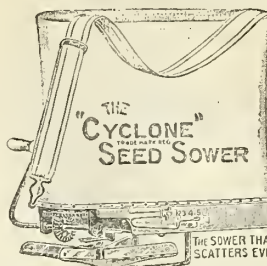


Peerless No. 1721

**BAIT M**—Protects Tomatoes, Cabbage, Cucumbers and other Plants from cut worms. Easily applied. See page 128.

**THE CYCLONE SEEDER**

**THE WORLD'S STANDARD SEED SOWER**



**CAN SOW** Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizer—a Cyclone will pay for itself in three hour's work, because its absolutely even distribution will make three bushels do the work of four. Each \$2.25; postpaid \$2.35.

**THE SOWER THAT SATISFIES**

**CORN AND POTATO PLANTERS**

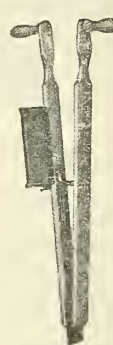
**ECLIPSE ROTARY CORN PLANTER**—The Eclipse is the most perfect Rotary Corn Planter on the market, having a positive feed and four changes of discs. It is extremely simple and works much easier than other styles. Highly recommended. Price \$3.00, postpaid \$3.15.

**ACME CORN PLANTER NO. 306**—Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. Strong, durable, reliable and gives universal satisfaction. Each \$1.60, postpaid \$1.75.

**SEGMENT CORN PLANTER NO. 311**—(See illustration). An all metal planter which is operated by a spring with the foot, strong, reliable tool. Each \$2.50, postpaid \$2.65.



Eclipse Rotary Corn Planter



No. 306



No. 311



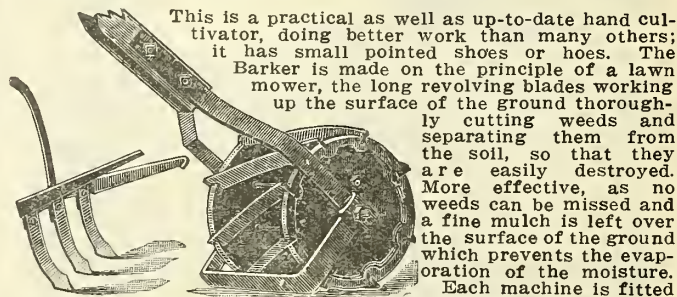
No. 302



No. 304

**ACME POTATO PLANTER NO. 302**—A very handy tool, with jaws of crucible steel, points polished, galvanized iron, taper conveying tube, natural finish. Height 36 inches. Price \$2.00, postpaid \$2.25.

**POTATO PLANTER NO. 304**—A light tubular planter. Its spring closed jaws are specially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. See cut. Price \$2.25, postpaid \$2.35.

**BARKER WEEDER, MULCHER AND CULTIVATOR**

This is a practical as well as up-to-date hand cultivator, doing better work than many others; it has small pointed shoes or hoes. The Barker is made on the principle of a lawn mower, the long revolving blades working up the surface of the ground thoroughly cutting weeds and separating them from the soil, so that they are easily destroyed. More effective, as no weeds can be missed and a fine mulch is left over the surface of the ground which prevents the evaporation of the moisture. Each machine is fitted up with leaf guards and

tooth attachments. The 8½ inch is for ordinary use.

No. 8½ D. Complete with all attachments, 8½ inch .....\$10.50

No. 10 D. Complete with all attachments, 10 inch ..... 11.75

No. 11 D. Complete with all attachments, 11 inch ..... 12.60

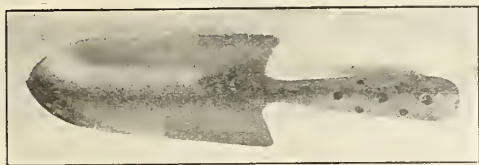
**SPRAYING TO BE EFFECTIVE, MUST BE DONE WELL**

The ever increasing inroads of insects and disease has rendered it necessary to get adequate sprayers to meet this necessity.

**Caution Against Spraying When Trees are in Full Bloom**—Spraying when trees are in bloom may destroy bees and other insects necessary to pollinate, and these natural agents should not be interfered with as their work of transferring the pollen insures beautiful crops and shapely fruit.



## TROWELS



Kingsbury Trowel

The Kingsbury one-piece trowel is a big favorite because it is so easy to use. The blue-lacquered handle is carefully shaped to give a firm grip, yet has no rough edges to cause discomfort. Built of unbreakable, unbendable sheet steel, shaped into a perfectly balanced tool, whose sharpened blade is coated with rust preventive. Shaped to fit the hand. Price 50c, postpaid 60c.



No. 213—Made of cold rolled steel, bright blades, malleable iron shanks firmly riveted. The blades will not pull off the shanks. Price 5 inch blade, each 25c, postpaid 35c. Price 6 inch blade, each 30c, postpaid 40c.



No. 214—English pattern, extra heavy Garden Trowel; riveted by the new method with extra long rivets; blades finely polished; a very fine article. Price 6 inch blades, each 40c, postpaid 50c.



No. 216—Ladies Flower Trowel. Riveted by new method. Price 6 inch blade, 25c, postpaid 30c.



No. 217—Transplanting Trowel, the blade and shank of this trowel are made of one piece of heavy sheet steel. Excellent for lifting and setting out plants and seedlings. Price 5 inch blade, 25c, postpaid 30c. Price 6 inch blade, 30c, postpaid 35c.

No. 216A—Broad Bladed Bulb Trowel, each 55c, postpaid 60c. No. 217A—Transplanting Hoe Trowel, 7 in. each 35c, postpaid 45c.

## SOCKET GARDEN TROWEL



No. 2120—The blade and shank are made of one piece, forming a socket, which makes it very strong and durable. The blade is nicely polished and enameled a bright red. It has a long polished handle. 6 inch blade. Price 50c. postpaid 60c.

## DIBBLES

For Transplanting Vegetable Plants, etc.

DIBBLE—No. 220—Iron Dibble, usual size, handiest tool ever made for transplanting cabbage, etc. Each 90c, postpaid \$1.10.



## CULLING OR GRAPE SHEARS



The best fruit thinning shear made. Length 6½ inches. Polished blades. Price 75c postpaid.

## GARDEN REELS

GARDEN REELS—For using with a garden line; very handy tool. Each 65c, postpaid 75c.

## HOT BED OR MUSHROOM BED THERMOMETER

Brass tipped point encloses the temperature bulb. It is simply thrust into the soil or bed. Price, \$3.10, postpaid.

## OUT OF SIGHT MOLE TRAP

Claimed to be the best mole trap ever offered, and only has to be tried to be appreciated. Price \$1.00 postpaid.

## WEEDERS

LANG'S  
HAND  
WEEDER

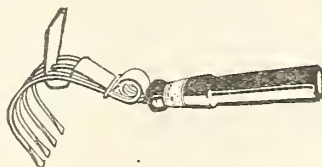
HANDIEST  
TOOL  
ON EARTH.



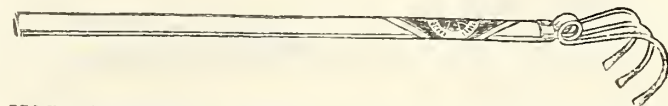
LANG'S HAND WEEDER—One of the handiest tools yet devised for weeding and thinning out. Each 25c, postpaid 30c.



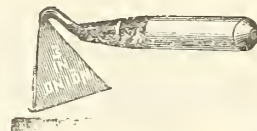
EXCELSIOR WEEDER — A very useful tool for weeding seed beds. For stirring the ground, etc. no one should be without one. Each 20c, postpaid 25c.



MAGIC WEEDER—A very handy tool for use among flowers and small vegetables. Destroys the weeds and leaves the earth about the roots themselves. Price 55c, postpaid 62c.

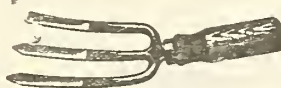


MAGIC WEEDER No. BB—A tool light enough and long enough, 36 inch handle for use with one hand without stopping, very handy for weeding flowers and small vegetables. Price, each 40c, postpaid 50c.



SUPERIOR WEEDING HOE—3 in. cut, 11 in. handle. Very useful article for the garden. Each 75c, postpaid, 80c.

## WEEDING FORKS



GARDEN WEEDING FORK NO. 30—3 tine, malleable, each 15c, postpaid 20c.

GARDEN WEEDING FORK NO. 300—3 tine, very strong, useful tool. Each 55c, postpaid 60c.



GARDEN WEEDING FORK No. 400—4 tine, short handled, very strong, useful tool. Each 35c, postpaid 47c.



ASPARAGUS KNIFE—(American)—This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as dandelions. Each 50c, postpaid 60c.

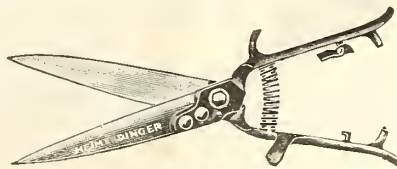
## LITTLE GIANT GRASS HOOK



Is a miniature scythe and cuts like a scythe. Very handy for cutting grass, etc. A very useful article. 12 in. blade. Price 80, postpaid 90c.

## GRASS SNIPPER

A very practical shear for cutting grass, light vines, etc. Six inch blade; length overall 12 inches. Each, \$1.00, postpaid \$1.10.

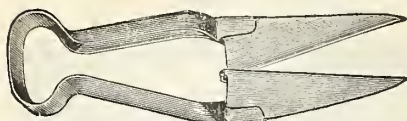


Grass Snipper

20 DIFFERENT DAHLIAS POSTPAID \$5.00



## GRASS SHEARS



can buy; per pair 75c, postpaid 85c.

**SUPERIOR GRASS SHEARS**—A good article at a low price per pair 50c, postpaid 60c.  
**HARTFORD GRASS SHEARS**—Tool steel, the best that money

## PRUNING SHEARS



**HARTFORD PRUNING SHEAR No. 485A4**—Polished steel blades. Double brass flat springs. The best for vineyard and other pruning. Very strong. 9 inch. Price \$2.50, postpaid \$2.60.



**SUPERIOR PRUNING SHEAR No. 485D4**—Malleable iron handle, polished steel blade with blued steel volute spring, 9 inch. Price \$1.50, postpaid \$1.70.

Extra Springs for Superior Pruning Shears price 25c, postpaid

## "McKINNEY" HAND PRUNERS

The World's Best Tree Pruner

The most powerful pruner made. The only pruning shears made that cuts from both sides of the limb, and will not injure the bark. It has two cutting blades drop forged from tool steel. The handles are of steel and the hand grip designed so that it may be carried on the belt. Can also be used for dehorning young cattle. The best and strongest pruner made.

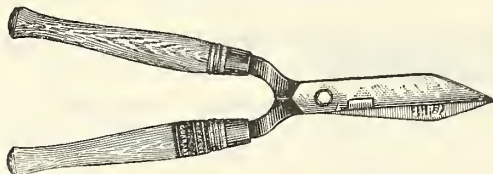


## In Two Sizes

No. 0—Cuts limb  $\frac{5}{8}$  inch in diameter, 15 in. \$3.40, postpaid \$3.40  
 No. 2—Cuts limb  $1\frac{1}{2}$  inch in diameter, 30 in. \$5.25, postpaid \$5.50

**SPECIAL PRUNER**—With Hardwood Handle, 29 inches, price \$4.50, postpaid \$4.75.

## HEDGE SHEARS



**HEDGE SHEARS—ZENITH**—Useful in trimming shrubs, small bushes and trees; also preferred by many for edging lawns and beds. Blades are polished solid cast steel.

No. 485L—6 inch blade, per pair \$2.25, postpaid \$2.40.

No. 485M—8 inch blade, per pair, \$2.75, postpaid \$3.00.

## PRUNING KNIVES



Good grip wooden handles with three inch blade.  
 No. 5C, each, postpaid .....\$2.00  
 No. 2C, each, postpaid .....\$2.25

## WATERS TREE PRUNERS

The best pruner on the market. Cuts limbs up to  $\frac{3}{4}$  inch in diameter. The spring on the handle resets the cutting blade.

Prices  
 6 ft. ....\$2.50  
 8 ft. ....\$2.75  
 10 ft. ....\$3.00  
 12 ft. ....\$3.50

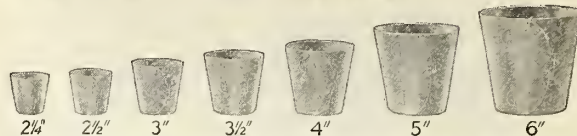
Tree Pruner Springs, each .....30c  
 Tree Pruner Blades, each .....50c

Tree pruners can not be sent by parcel post.

## NOTICE

Send to us for descriptive literature on the Bruner weeder-spacer. It works directly in the row, weeds onions, carrots, parsnips, etc., when small, and spaces any width, spinach, lettuce, endive, etc. SPECIAL OFFER FOR EARLY ORDERS.

## Bird's IMPROVED NEPONSET Flower Pots



## BIRD'S NEPONSET WATER-PROOF PAPER POTS

The unequalled paper pot for general transplanting young plants of all kinds. Light, strong, waterproof and inexpensive. Try them if you raise your own tomato and other vegetable plants.

	per doz	per doz	per 1000	per 1000
			F. O. B.	Helena
2 1/4 inch	10c	14c	\$ .65	\$ 5.50
2 1/2 inch	15c	18c	.80	6.25
3 inch	20c	27c	1.25	8.25
3 1/2 inch	22c	30c	1.40	10.50
4 inch	25c	35c	1.60	13.25
5 inch	35c	47c	2.50	21.00
6 inch	45c	57c	3.25	28.00

## STANDARD FLOWER POTS (Clay)

Inside Measurement	Approximate weight	F. O. B. Helena	Each	Doz.
2 inch	per dozen 3 lbs.		\$ .03	\$ .30
2 1/2 inch	" 4 lbs.		.04	.40
3 inch	" 5 lbs.		.05	.50
4 inch	" 12 lbs.		.06	.60
5 inch	" 18 lbs.		.09	.90
6 inch	" 25 lbs.		.15	1.50
7 inch	each 3 1/2 lbs.		.20	
8 inch	" 4 1/2 lbs.		.30	
9 inch	" 5 1/2 lbs.		.50	
10 inch	" 10 1/2 lbs.		.75	
12 inch	" 14 1/2 lbs.		1.20	

NOTICE—Add 25c to amount of order for packing charges. By Express or Freight only at Purchaser's Expense.

## FLOWER POT SAUCERS (Clay)

Inside Measurement	Approximate weight	F. O. B. Helena	Each	Doz.
4 inch	each 8 oz.		\$ .05	\$ .50
5 inch	10 oz.		.06	.65
6 inch	13 oz.		.09	.85
7 inch	1 1/4 lbs.		.10	1.00
8 inch	1 1/2 lbs.		.12	1.30

NOTICE—Add 25c to amount of order for packing charges. By Express or Freight only at Purchaser's Expense.

## POT LABELS

For Pot and Garden Plants—Painted

Size	per 100	per 100	per 500	per 500	per 1000	per 1000
4 in.	.35	\$ .42	\$1.35	\$1.45	\$2.50	\$ 2.65
5 in.	.45	.52	1.60	1.70	3.00	3.17
6 in.	.50	.57	2.10	2.20	4.00	4.17
8 in.	1.20	1.30	5.20	5.35	10.00	10.20
10 in.	1.70	1.80	7.75	7.85	15.00	15.23
12 in.	2.00	2.10	9.25	9.33	18.00	18.25

## TREE LABELS

3 1/2 inch wood, wired, for trees, shrubs, etc., per 100 45c, postpaid 52c; 500 \$1.90, postpaid \$2.00; 1000 \$3.50, postpaid \$3.62.

## PLANT STAKES

Light, Round, Painted Green

Size	per doz	per doz	per 100	per 100
12 in.	10c	18c	50c	65c
18 in.	15c	35c	75c	95c

## RAFFIA

**RAFFIA**—Useful material for tying plants; also used for basket making. Per lb. 40c, postpaid 50c.

RATES FOR PARCEL POST SHIPMENTS—SEE PAGE 143.

## THE BEST CORN POPPER IN THE WORLD

The Popper that puts the Pop in Pop Corn

A new style popper for household use that takes the hard work out of corn popping. So simple a child can operate it. Will pop corn with or without butter, it is easy to clean, uses less heat and will not burn the corn. Will pop on gas, kerosene, wood stove or electric grill, will last a life time. Price \$1.50 postpaid.





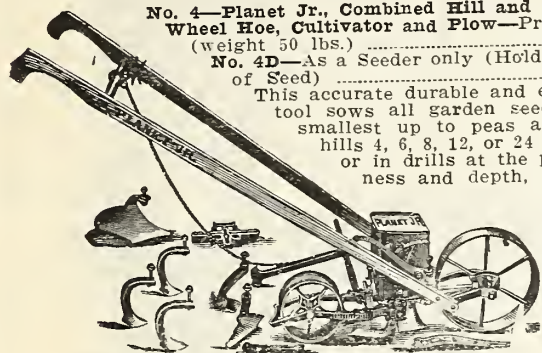
# Planet Jr. Garden Tools

The name "Planet Jr." has become synonymous with labor saving among gardeners and farmers everywhere and they instinctively want the implement that bears this trade mark. The times demand maximum production; and gardeners and farmers are on the alert for aid to get the biggest return from the soil for the least expenditure of time and effort.

**No. 4—Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow—Price complete (weight 50 lbs.)** .....\$21.00

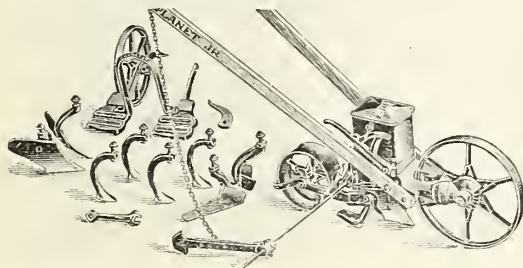
**No. 4D—As a Seeder only (Holds  $2\frac{1}{2}$  Quarts of Seed)** .....\$16.75

This accurate durable and easy running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12, or 24 inches apart, or in drills at the proper thickness and depth, covers them, and marks out the next row at one passage. No time is lost. No seed is wasted.

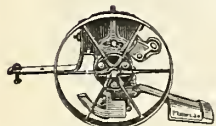


**Planet Jr. No. 25—Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow—Holds  $2\frac{1}{2}$  quarts weight complete 61 lbs. Price** .....\$24.50

Equipment, one pair 6-inch Hoes, 4 Cultivator Teeth, one pair Plows, two Leaf Guards, one Marker. This is a tool for Market Gardeners or large family gardens, where both single and double wheel hoes can be used to advantage. The hopper will hold four pounds of Onion Seed.

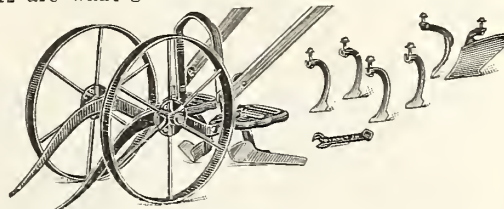


**No. 35 Seeder Attachment—May be attached to any cultivator. Wheel Hoe or Garden Plow. Suitable for the small family garden. Will sow all garden seeds in drills at proper depth and thickness. Quickly and easily attached. 9 lbs. Price** .....\$7.50



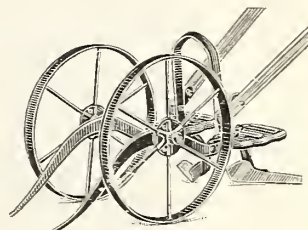
**No. 18—Single Wheel Hoe** .....\$7.50  
Same as No. 17 except has one pair of 6-inch hoes only. Other attachments can be added as needed. 21 lbs.

**No. 12—Combined Double and Single Wheel Hoe, Cultivator and Plow—Weight 33 lbs: Price** .....\$13.25  
This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters. The attachments sold with No. 12 are what gardeners use most.

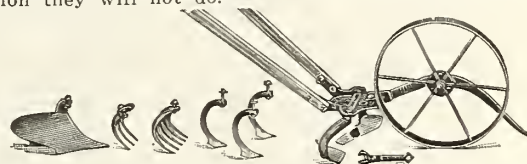


**No. 13—Planet Jr., Double Wheel Hoe** .....Price \$9.75

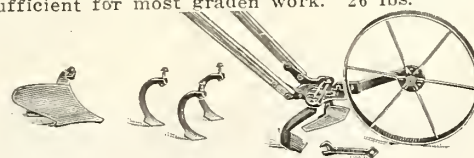
The greatest hand cultivating tool in the world for every grower of garden and market garden crops. They do more and do it better and easier than can possibly be done in any other way where rows are too close for horse work. Has 1 pair 6-inch hoes only. Useful throughout the season. Other attachments can be added. 30 lbs.



**No. 16—Planet Jr. Single Wheel Hoe—Weight 28 lbs. Price \$11.50**  
These Single Wheel Hoes are the highest type of their class. They have a great number of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.



**No. 17—Planet Jr. Single Wheel Hoe—Price** .....\$9.50  
You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth; an outfit sufficient for most garden work. 26 lbs.



**NOTICE—If "Planet Jr. Cultivators" are wanted by Parcel Post add postage—Postage Rates See Page 143.**

## CULTIVATING ATTACHMENTS FOR PLANET JR. TOOLS

 <b>Plow for Single Wheel Hoe</b> \$1.25, postpaid \$1.40	 <b>Plows for Double Wheel Hoe</b> per set \$1.50, postpaid \$1.70	<p><b>Handles</b> Per pair \$1.10, postpaid \$1.20</p> <b>L. Hand R. Hand</b> <b>\$100 Hoes \$101</b> Supersedes all others 6-inch per pair \$1.40, postpaid \$1.55	 <b>5 Prong Cultivating Attachment</b> \$1.15, postpaid \$1.30	 <b>Rakes</b> Excellent for Fine Cultivation. 5-tooth, per pair \$1.15, postpaid \$1.80 7-tooth, per pair \$2.30, postpaid \$2.60
 <b>Double Mouldboard Plow</b> Fits single wheel hoe \$2.75, postpaid \$3.00	 <b>Cultivator Teeth</b> All Steel Each 45c, postpaid 50c		 <b>Three Prong Cultivator Teeth</b> per pair \$1.80, postpaid \$2.00	 <b>Disc Hoes</b> per pair \$3.75, postpaid \$4.00

**NOTICE—IMPORTANT—**When ordering extras, state number on the broken part, also number of machine. The new "PLANET JR." Catalog—Full of little points that bring profit. Full of true and handsome illustrations. Mailed Free on request.



# PRACTICAL FARM BOOKS

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OWING TO A LATE CHANGE IN MAKING UP CATALOG, BOOKS WILL BE FOUND LISTED ON PAGE 136 INSTEAD OF 139



A Partial View of one of several Houses of Chrysanthemums—The Wonderful Fall Flower for Thanksgiving.

These are greatly admired by hundreds of visitors.



A BLOCK OF YOUNG TREES IN OUR NURSERY

Be Sure to Try  
JERSEY'S BEAUTY DAHLIA  
See Page 8

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IRIS COLLECTIONS  
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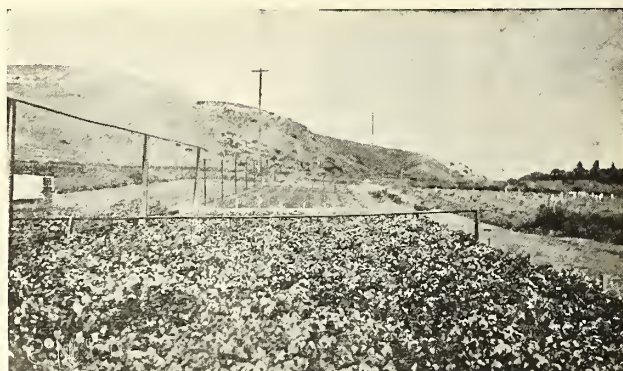


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A SNOWY DAY AT THE NURSERY



A HEDGE OF HOLLY HOCKS AT NURSERY



## SEED SOWING CALENDAR

Containing a monthly calendar of operations and some useful tables, arranged to help the gardener or farmer in the sowing of seeds or setting out of plants from March to September.

March	April	May	June	July	August	September
<b>Sow in Hotbed</b> Early Beets Brussels Sprouts Early Cabbage Forcing Carrot Cauliflower Celery Eggplant Kohl Rabi Lettuce Parsley Pepper Radish Tomato Broccoli	<b>Sow in Hotbed</b> Cucumber Egg Plant Melon Pepper Tomato  <b>In Open Ground</b> Asparagus Beets Brussels Sprouts Early Cabbage Carrot Cauliflower Celery Cress Kohl Rabi Lettuce Onion Parsley Parsnip Peas Potatoes Radish Spinach Early Turnip	<b>In Open Ground</b> Artichoke Asparagus Beans, Bush and Running Beets Brussels Sprouts Carrot Cauliflower Celery Sweet Corn Cress Cucumber Kohl Rabi Leek Lettuce Melon Onion Parsley Parsnip Peas Potatoes Radish Salsify Spinach Early Turnip	<b>In Open Ground</b> Beans, Lima and all other sorts Beets Broccoli Brussels Sprouts Late Cabbage Carrot Cauliflower Sweet Corn Cress Cucumber Endive Kale Kohl Rabi Lettuce Melon Nasturtium Early Peas Potatoes Pumpkin Radish Salsify Spinach Squash Herbs	<b>In Open Ground</b> Beans Beets Carrot Corn Salad Cress Cucumber Endive Kale Kohl Rabi Lettuce Early Peas Pumpkin Radish Spinach White Turnip	<b>In Open Ground</b> Corn Salad Endive Lettuce Welsh Onion Early Peas Radish Spinach Turnip Onion	<b>In Open Ground</b> Lettuce Winter Radish Spinach Turnip Sweet Peas

See  
**ROSA HUGONIS**  
Page 27  
  
The  
**WONDER ROSE**

**When Buying  
ALFALFA SEED**  
Be sure it is  
**MONTANA GROWN**

For a Quick Growing, High Yielding, Early Maturing, White Milling Variety of Spring Wheat, **SEE FEDERATION**  
**THE WONDER WHEAT—PAGE 111**

## AVERAGE TIME REQUIRED FOR GARDEN SEED TO GERMINATE

Beans ..... 4 to 7 days	Endive ..... 5 to 10 days	Pepper ..... 9 to 14 days
Beet ..... 7 to 10 days	Lettuce ..... 4 to 8 days	Radish ..... 3 to 6 days
Cabbage ..... 4 to 7 days	Onion ..... 7 to 10 days	Spinach ..... 5 to 12 days
Carrot ..... 10 to 15 days	Peas ..... 5 to 8 days	Salsify ..... 7 to 12 days
Cauliflower ..... 5 to 10 days	Parsnip ..... 10 to 20 days	Tomato ..... 6 to 12 days
Corn ..... 4 to 8 days	Parsley ..... 15 to 21 days	Turnip ..... 3 to 7 days
Cucumber ..... 6 to 10 days		

## QUANTITY OF SEED TO SOW A SINGLE ROW OF 100 FEET

Asparagus ..... 1 oz.	Cress ..... 1/4 oz.	Parsley ..... 1/2 oz.
Beans, Bush ..... 1 lb.	Cucumber ..... 1/2 oz.	Parsnip ..... 1/2 oz.
Beans, Lima ..... 1 lb.	Egg Plant ..... 1/4 oz.	Peas ..... 1 lb.
Beans, Pole ..... 1/2 lb.	Endive ..... 1 oz.	Pepper ..... 1/2 oz.
Beet ..... 1 oz.	Kohl Rabi ..... 1/2 oz.	Pumpkin ..... 1/2 oz.
Broccoli ..... 1/4 oz.	Leek ..... 1/2 oz.	Radish ..... 1 oz.
Brussels Sprouts ..... 1/4 oz.	Lettuce ..... 1/4 oz.	Salsify ..... 1 oz.
Cabbage ..... 1/4 oz.	Melon, Musk ..... 1/2 oz.	Spinach ..... 1 oz.
Carrot ..... 1/2 oz.	Melon, Water ..... 1 oz.	Squash ..... 1/2 oz.
Cauliflower ..... 1/4 oz.	Mustard ..... 1/4 oz.	Tomato ..... 1/4 oz.
Celery ..... 1/4 oz.	Onion (for large bulbs) ..... 1 oz.	Turnip ..... 1/2 oz.
Collards ..... 1/4 oz.		
Corn ..... 1/2 lb.		

AVERAGE TIME REQUIRED FOR MATURITY OF DIFFERENT GARDEN CROPS  
RECKONED FROM THE DAY OF PLANTING THE SEED

Beans, String ..... 45 to 65 days	Corn ..... 70 to 120 days	Radish ..... 25 to 35 days
Beans, Shell ..... 65 to 75 days	Egg Plant ..... 135 to 150 days	Squash, Summer ..... 60 to 65 days
Beet, Table ..... 55 to 65 days	Lettuce, Heading ..... 55 to 65 days	Squash, Winter ..... 125 days
Beets, Stock ..... 130 to 150 days	Melon, Water ..... 125 to 140 days	Tomato ..... 135 to 150 days
Cabbage, Early ..... 90 to 105 days	Melon, Musk ..... 120 to 140 days	Turnip ..... 50 to 70 days
Cabbage, Late ..... 125 to 150 days	Onion ..... 130 to 150 days	Spinach, average time ..... 30 to 60 days
Cauliflower ..... 85 to 100 days	Pepper ..... 130 to 140 days	

## NUMBER OF PLANTS PRODUCED FROM AN OUNCE OF SEED

Plants	Plants
Asparagus ..... about 300	Kale ..... 2,000
Broccoli ..... " 2,000	Leek ..... 1,000
Cabbage ..... " 2,000	Lettuce ..... 3,000
Cauliflower ..... " 2,000	Pepper ..... 2,000
Celery ..... " 3,000	Tomato ..... 3,000
Egg Plant ..... " 1,000	Sage ..... 1,000
Endive ..... " 3,000	Thyme ..... 5,000

## NUMBER OF PLANTS TO THE ACRE

Distance Apart	No. of Plants	Distance Apart	No. of Plants
1 foot by 1 foot	43,560	3 feet by 3 feet	4,840
1 1/2 feet by 1 1/2 feet	19,360	4 feet by 4 feet	2,722
2 feet by 1 foot	21,780	5 feet by 4 feet	2,178
2 feet by 2 feet	10,890	5 feet by 5 feet	1,742
2 1/2 feet by 2 1/2 feet	6,969	6 feet by 6 feet	1,210
3 feet by 2 feet	7,600	8 feet by 8 feet	680

SEE PAGE 101 FOR SEEDING TABLE OF FIELD SEED AND GRAINS

## PARCEL POST RATES

PARCEL POST RATES	First pound or fraction	Each additional pound or fraction
within the United States.		
Rate to Canada; 14c per lb. or fraction thereof		
First Zone within 50 miles of Helena	7c	1c
Second Zone within 50 to 150 miles	7c	1c
Third Zone within 150 to 300 miles	8c	2c
Fourth Zone within 300 to 600 miles	8c	4c
Fifth Zone within 600 to 1000 miles	9c	6c
Sixth Zone within 1000 to 1400 miles	10c	8c
Seventh Zone within 1400 to 1800 miles	12c	10c
Eighth Zone all over 1800 miles	13c	12c

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## INDEX

BY DEPARTMENTS

Baby Chix and Eggs.....	115	Field Seeds.....	101-114	Perennials.....	28-37
Bird Foods.....	120	Flower Seeds.....	53-74	Plants.....	1-28
Books.....	136	Garden Tools, Etc.....	128-135	Poultry Feeds, Etc.....	116-119
Bush Fruits.....	47-48	Hardy Shrubs and Vines.....	38-41	Trees.....	42-47
Cel O Glass.....	124	Insecticides.....	127-128	Vegetable Plants.....	49-50
Cut Flowers.....	51-52	Lawn Grass Seed.....	100	Vegetable Seeds.....	74-99
Fertilizers, Etc.....	125				

## Sub-divisions of General Index

PLANTS (1 to 28)		Page	Page	Page	Page
Aaron's Beard.....	21	Ivy Leaved Geraniums.....	14-15	Lathyrus.....	31
Abutilon.....	3	Lantana.....	18	Leopard's Bane.....	30
Ageratum.....	3	Lavender.....	18	Lilies, Hardy.....	32
Aloysia Citriodora.....	3	Lavendula Vera.....	18	Lilium Candidum.....	32
Alyssum, Sweet.....	3	Leon Verbena.....	3	Lilium, Regale.....	32
Amaryllis.....	3	Lilies.....	18-19	Lily of the Valley.....	32
Antirrhinum.....	3	Lobelia.....	18	Limonium.....	35
Anthurium.....	3	Madeira Vine.....	19	Live for Ever.....	35
Asparagus Plumosus.....	4	Marguerites.....	19	Loosestrife.....	33
Asparagus Sprengeri.....	4	Martha Washington.....	19	Lychnis.....	33
Aspidistra.....	3	Geraniums.....	15	Lythrum.....	33
Asters.....	1-28	Mignonette Vine.....	19	Meadow Rue.....	38
Baby Primrose.....	21	Moneywort.....	19	Michaelmas Daisies.....	28
Baby Ramblers.....	27	Moon Vine.....	18	Madonna Lily.....	32
Baby Tears.....	4	Mother of Thousands.....	13	Myrtle Trailing Vinca.....	36
Begonias.....	4	Myosotis.....	13	Nepeta.....	33
Bellis.....	11	Oleander.....	19	Old Man.....	33
Boston Ferns.....	12	Orchids.....	19	Orange Sun Flower.....	31
Briar Roses.....	27	Oxalis.....	19	Oriental Poppies.....	34
Calceolaria.....	5	Painted Leaf Begonia.....	4	Penstemon.....	33
Cannas.....	5	Palm.....	23	Peonies.....	37
Carnations.....	5	Pandanus.....	21	Periwinkles.....	36
Centaurea.....	5	Pans of Ferns.....	20	Phlox, Hardy.....	33
Chinese Primrose.....	21	Pansy Geranium.....	15	Physalis.....	34
Chrysanthemums.....	6-29	Pansies.....	20	Physostegia.....	34
Cigar Plant.....	7	Passion Flower.....	21	Pinks, Hardy.....	30
Cineraria.....	6	Pelargoniums.....	15	Platycodon.....	35
Climbing Roses.....	27	Petunias.....	20	Poppies.....	34
Coleus.....	7	Platycodon.....	21	Pyrethrum.....	34-35
Cuphea.....	7	Primrose.....	21	Ragged Robbin.....	33
Cyclamen.....	7	Primula Malacoides.....	21	Rainbow Rock Cress.....	29
Cyperus Alternifolius.....	7	Primula Sinensis.....	21	Red Hot Poker.....	36
Dahlias.....	8-9-10	Rex Begonias.....	4	Rock Cress.....	28
Daisies.....	11	Rosa Hugonis.....	27	Rock Rose.....	31
Decorated Japanese.....		Rosa Rugosa.....	27	Rudbeckia.....	35
Tubs.....	11	Roses.....	24-27	Saponaria.....	35
Dracaena.....	11	Rubber Plant.....	13	Scabiosa.....	35
Dusty Miller.....	5	Salvia.....	21	Sea Lavender.....	35
Easter Lilies.....	18	Sanseveria Zeylanica.....	21	Sedum.....	35
English Daisy.....	11	Saxifraga.....	21	Shasta Daisy.....	29
Ferns.....	11-12	Scarlet Sage.....	21	Sneeze Wort.....	31
Fern Dishes.....	12	Shamrock.....	21	Snow in Summer.....	29
Feverfew.....	13	Silk Cak.....	13	Southern Wood.....	32
Ficus.....	13	Snagdragon.....	3	Statice.....	35
Flowering Maple.....	3	Star of Bethlehem.....	21	Sweet William.....	30
Forget-Me-Not.....	13	Stocks.....	22	Sweet Rocket.....	36
Fuchsias.....	13	Strawberry Geranium.....	21	Thalictrum.....	36
Genista.....	13	Tradescantia.....	22	Tiger Lily.....	32
Geraniums.....	14-15	Tuberose.....	22	Tritoma.....	36
Gladiolus.....	16	Umbrella Plant.....	7	Torch Lily.....	36
Grevillea.....	13	Verbena.....	22	Valeriana.....	36
Hanging Baskets.....	12	Vinca.....	22	Variegated Grass.....	36
Hardy Ferns.....	12	Violets.....	22	Veronica.....	36
Heliotrope.....	17	Wallflower.....	22	Vinca.....	36
Hibiscus.....	17	Wandering Jew.....	22	Viola.....	36
Hoya Carnosa.....	17	Wax Plant.....	17	Virginia Heather.....	34
Hugonis.....	27	Weeping Lantana.....	18		
Hydrangea.....	17	Zebra Plant.....	21		
Impatiens.....	17	Zinnia.....	22		
Ipomea.....	18				
Ivy, English.....	18				
Ivy, Parlor.....	18				

## Perennials (28-37)

Achillea.....	28
Aegopodium.....	28

## Hardy Shrubs and Vines (38-41)

American Ivy.....	41
Berberis.....	38
Butterfly Shrub.....	38
Buck Thorn.....	38
Buddleia.....	38
Caragana.....	40

## Trees (42-45)

## Shade and Ornamental

Ash.....	42
Balm of Gilead.....	42
Birch.....	42
Bolleana.....	43
Box Elder.....	43
Canoe Birch.....	42
Cherry-Flowering.....	43
Chestnut.....	43
Chinese Elm.....	43
Christmas Tree.....	45
Crab (Flowering).....	43
Cut-Leaf Birch.....	42
Elm.....	43
Evergreens.....	45
Hawthorn.....	44
Linden.....	43
Locust.....	43
Manitoba Maple.....	43
Maple.....	43
Mountain Ash.....	42
Pauls Double Scarlet.....	
Hawthorn.....	44
Planting Instructions.....	44
Plums (Flowering).....	43
Poplar.....	43
Red Bud.....	44
Siberian Elm.....	43
Spruce.....	45
Tree Cuttings.....	44



Page	Page	Page	Page	Page
Walnut ..... 44	Burning Bush ..... 61	Lathyrus ..... 71	<b>Vegetable Seeds (74-99)</b>	Page
Weeping Birch ..... 42	Butterfly Flower ..... 66	Lavatera ..... 61	Artichokes ..... 74	Alsike ..... 104
White Ash Seedlings ..... 42	Cacalia ..... 55	Lavender ..... 61	Asparagus ..... 74	Altaswede Clover ..... 105
Willow ..... 44	Calendula ..... 56	Lavendula ..... 61	Asparagus Knife ..... 74	Barley ..... 110-112
Windbreak Collections ..... 44	California Poppy ..... 59	Linum ..... 61	Beans, Dwarf Shell ..... 74	Blue Grass ..... 105
<b>Fruit Trees (46-47)</b>	Callopsis ..... 56	Lobelia ..... 61	Beans, Garden ..... 75-77	Brome Grass ..... 106
Apples ..... 46	Canary Bird Flower ..... 56	Love-in-a-Grove ..... 62	Beans, Field ..... 109	Buckwheat ..... 109
Cherries ..... 46	Candytuft ..... 56	Love-in-a-Mist ..... 63	Broccoli ..... 74	Clovers ..... 104-105
Crab Apples ..... 46	Canterbury Bells ..... 56	Love-in-a-Puff ..... 55	Beets, Table ..... 78	Corn, Field ..... 113
Plums ..... 47	Carnation ..... 56	Lupinus ..... 61	Beets, Sugar ..... 79	Emmer ..... 112
Orchard Collections ..... 48	Castor Bean ..... 56	Lychnis ..... 61	Beets, Feeding ..... 79	English Rye Grass ..... 106
<b>Bush Fruits (47-48)</b>	Catchfly ..... 56	Maltese Cross ..... 61	Borecole ..... 86	Feterita ..... 109
Blackberries ..... 48	Celosia ..... 56	Marigold ..... 56-62	Broad Beans ..... 77	Field Beans ..... 109
Currants ..... 47	Centaurea ..... 56	Marvel of Peru ..... 59	Brussels Sprouts ..... 80	Flax ..... 110
Everbearing Raspberries ..... 48	China Pink ..... 59	Matricaria ..... 62	Butter Vine ..... 96	Kaffir Corn ..... 109
Everbearing Strawberries ..... 48	Chinese Lantern Plant ..... 57	Matthiola ..... 62	Cabbage ..... 80-81	Meadow Fescue ..... 105
Gooseberries ..... 47	Chinese Woolflower ..... 56	Mexican Burning Bush ..... 61	Carrots ..... 82	Meadow Mixture ..... 108
Grapes ..... 47	Chrysanthemum ..... 57	Bush ..... 61	Cauliflower ..... 82	Millet ..... 109
Raspberries ..... 48	Clarkia ..... 57	Michaelmas Daisy ..... 54	Celery ..... 83	Mixture for Pastures ..... 108
Strawberries ..... 48	Cobea ..... 57	Mignonette ..... 61	Celery Cabbage ..... 81	Montana Hardy Alfalfa ..... 103
<b>Cut Flowers (51-52)</b>	Collection of Zinnias ..... 68	Moonpenny Daisy ..... 57	Celeriac ..... 82	Oats ..... 110-111
Anniversaries ..... 52	Columbine ..... 58	Morning Glory ..... 58	Chervil ..... 83	Orchard Grass ..... 107
Cut Flowers ..... 52	Cornflower ..... 55	Moss Rose ..... 65	Chicory ..... 80	Peas ..... 108
Bountiful Boxes ..... 51	Coxcomb ..... 56	Mourning Bride ..... 65	Chinese Cabbage ..... 81	Perennial Pasture ..... 108
Corsages ..... 52	Convolvulus ..... 58	Musk Plant ..... 62	Chives ..... 83	Potatoes ..... 114
F. T. D. ..... 51	Convolvulus—Japan-ese ..... 61	Myosotis ..... 62	Citron ..... 89	Proso Type Millet ..... 109
Funeral Work ..... 52	Coreopsis ..... 58	Nasturtiums ..... 62	City Garden Collection ..... 73	Rape ..... 110
Ordering Cut Flowers ..... 51	Cornflower ..... 55	Nemophila ..... 62	Corn, Sweet ..... 84	Red Top ..... 106
Weddings ..... 52	Cosmos ..... 57	Nicotiana ..... 62	Corn, Salad ..... 83	Rye Grass ..... 106
Wreaths, etc. ..... 52	Creeping Charlie ..... 61	Nigella ..... 63	Cress ..... 83	Rye, Spring & Fall ..... 112
<b>Vegetables, Plants and Garden Roots (49-50)</b>	Cucumber, Wild ..... 67	Oenothera ..... 63	Cucumbers ..... 85	Semesan Disinfectants ..... 114-126
Asparagus ..... 49	Cup and Saucer Vine ..... 57	Oriental Poppies ..... 64	Dwarf Shell Beans ..... 74	Seed Grains ..... 110-112
Bermuda Onion Plants ..... 50	Cypress Vine ..... 58	Painted Daisies ..... 57	Egg Plant ..... 85	Slender Wheat Grass ..... 106
Brussel Sprouts ..... 50	Dahlia ..... 8-9-10-58	Painted Lady ..... 65	Endive ..... 80 & 85	Sorghum ..... 109
Cabbage ..... 50	Daisy ..... 11 & 58	Pansies ..... 63	Farm Garden Collection ..... 73	Soy or Soja Beans ..... 109
Cauliflower ..... 50	Delphinium ..... 58	Perennial Sweet Peas ..... 71	Garlic ..... 85	Speltz ..... 112
Celery ..... 50	Dianthus ..... 59	Perennial Poppies ..... 64	Gourds ..... 59	Sudan Grass ..... 107
Chives ..... 49	Digitalis ..... 59	Petunias ..... 64	Ground Cherry ..... 99	Summer Pasture ..... 108
Cucumbers ..... 50	Dolichos ..... 59	Phlox ..... 63	Herbs ..... 86	Sunflower ..... 110
Egg Plant ..... 49	Echinocystis Lobata ..... 59	Pincushion Flower ..... 65	Kale ..... 86	Sweet Clover ..... 104
Horse Radish ..... 49	Eschscholtzia ..... 59	Pinks ..... 59	Kohl Rabi ..... 86	Tall Meadow Oat Grass ..... 106
Mint ..... 50	Eutocia ..... 59	Poppies ..... 64	Leek ..... 86	Tall Fescue ..... 105
Onion Plants ..... 50	Evening Glory ..... 61	Portulaca ..... 65	Lentils ..... 92	Timothy ..... 107
Parsley ..... 49	Evening Primrose ..... 63	Pot Marigold ..... 56	Lettuce ..... 86 & 87	Timothy and Alsike ..... 107
Pepper ..... 49	Everlasting ..... 62	Pyrethrum ..... 65	Lima Beans ..... 87	Treatment for Potatoes ..... 114
Rhubarb ..... 49	Flowers ..... 53-66	Ragged Robin ..... 61	Mangel Wurzel ..... 79	Vetches ..... 108
Sage ..... 49	Everlasting Sweet Peas ..... 71	Ricinus ..... 56	Melons, Water ..... 89	Western Rye Grass ..... 106
Sweet Potato Plants ..... 50	Feverfew ..... 62	Salpiglossis ..... 65	Mustard ..... 89	Wheat ..... 110-111
Tomatoes ..... 49	Flora's Paint Brush ..... 55	Sand Verbena ..... 53	Mushrooms ..... 89	Zawadke Alkali Grass ..... 108
<b>Flower Seeds (53-74)</b>	Flowers for all locations ..... 68	Santa Barbara Poppy ..... 60	Okra ..... 91	
Abronia ..... 53	Flower Seed Collection ..... 73	Scarlet Flax ..... 61	Onion Sets ..... 91	<b>Index Special Sections</b>
Acrolinium ..... 53	Floss Flower ..... 53	Scarlet Runner Beans ..... 55	Onion Seed ..... 90	Baby Chix ..... 115
African Gold Daisy ..... 53	Forget-Me-Not ..... 62	Scarlet Sage ..... 65	Oyster Plant ..... 96	Bird Foods ..... 120
African Blue Eyed Daisy ..... 53	Foxglove ..... 59	Schizanthus ..... 66	Parsley ..... 91	Cel O Glass ..... 124
Daisy ..... 53	Four O'clock ..... 59	Sea Lavender ..... 66	Parsnip ..... 91	Conkey's Remedies ..... 120
African Marigold ..... 62	French Marguerites ..... 57	Shamrock ..... 65	Peas ..... 92-93	Fertilizers ..... 125
Ageratum ..... 53	Fringe Flower ..... 66	Shasta Daisy ..... 57	Pepper ..... 94	Flyosan ..... 128
Alyssum ..... 52	Gaillardia ..... 60	Shirley Poppies ..... 64	Pepper Grass ..... 83	Hose & Fittings ..... 129
Alyssum Saxatile ..... 53	Garden Collection ..... 73	Silk Oak ..... 60	Pole Beans ..... 77	Incubators & Brooders ..... 124
Amaranthus ..... 53	Geranium ..... 60	Snapdragon ..... 53	Potatoes ..... 114	Inoculators—Stim U Germ ..... 125
Anchusa Italica ..... 53	Gilliflower ..... 66	Statice ..... 66	Pumpkin ..... 94	Insecticides & Fungicides ..... 127-128
Angels Breath ..... 60	Godetia ..... 60	Stocks ..... 66	Radish ..... 95	Leg Bands ..... 121
Annual Mallow ..... 61	Gouldia ..... 60	Strawflowers ..... 66	Radish ..... 95	Parcel Post Rates ..... 142
Antirrhinum ..... 53	Gousses ..... 59	Sunflower ..... 66	Rhubarb ..... 96	Planet Jr. Tools ..... 135
Aquilegia ..... 58	Grevillea ..... 60	Sun Plant ..... 65	Squash ..... 97	Planters & Tools ..... 132-134
Asperula ..... 54	Gypsophila ..... 60	Swan River Daisy ..... 55	Swiss Chard ..... 80	Pots, Labels, etc. ..... 134
Asparagus (Sprengerii & Plumosus) ..... 54	Hardy Asters ..... 28	Sweet Alyssum ..... 53	Tobacco ..... 97	Poultry & Dairy Feeds ..... 116-117
Asters ..... 4-28-54-55	Helichrysum ..... 66	Sweet Peas ..... 69-72	Tomatoes ..... 98-99	Poultry Feeders, etc. ..... 122-123
Baby's Breath ..... 60	Heliotrope ..... 60	Sweet Rocket ..... 67	Topepo ..... 94	Practical Farm Books ..... 136
Bachelor's Button ..... 55	Hesperis ..... 67	Sweet Scented Lavender ..... 61	Turnips ..... 99	Pratt's Supplies & Feeds ..... 118-119
Balloon Vine ..... 55	Hollyhock ..... 60	Sweet William ..... 67	Vegetable Marrow ..... 97	Raffia ..... 134
Balsam ..... 55	Humulus ..... 60	Sweet Woodruff ..... 54	Vegetable Seed Collections ..... 73	Seeding Tables ..... 101-142
Bartonia ..... 55	Hunnemannia ..... 60	Tassel Flower ..... 55	Wax Beans ..... 75	Semesan Products ..... 126
Basket of Gold ..... 53	Hyacinth Bean ..... 59	Thunbergia ..... 67	Winter Cauliflower ..... 74	Sprayers, etc. ..... 131-132
Black Eyed Susan ..... 67	Ice Plant ..... 61	Tinctoria ..... 54	Witloof ..... 80	Sprinklers, etc. ..... 130
Blue Eyed Daisy ..... 53	Iceland Poppies ..... 64	Tobacco Plant ..... 62	<b>LAWN GRASS</b> ..... 100	Thermometers ..... 121
Blue Lace Flower ..... 55	Ipomea ..... 58-61-62	Verbena ..... 67	<b>Field Seeds (101-114)</b>	
Brachycome ..... 55	Japanese Hop ..... 60	Veronica ..... 67	Alfalfa ..... 102-103	
Bridal Veil ..... 60	Jerusalem Cross ..... 61	Virginia Stock ..... 66	Alkali Grass ..... 108	
Bean, Scarlet Runner ..... 55	Joseph's Coat ..... 53	Wallflower ..... 67		
Bellis Daisy ..... 58	Kenilworth Ivy ..... 61	Whitlavia ..... 67		
	Kochia ..... 61	Wild Cucumber ..... 67		
	Kudzu Vine ..... 61	Wild Flower Garden ..... 67		
	Lace Flower ..... 55	Wistaria ..... 56		
	Larkspur ..... 58-61	Woolflower ..... 67		
		Zinnia ..... 68		

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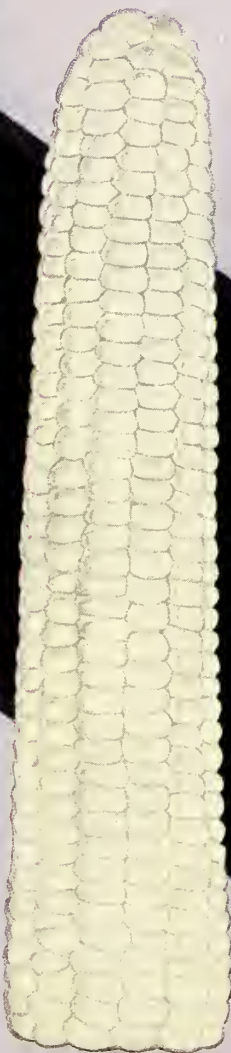


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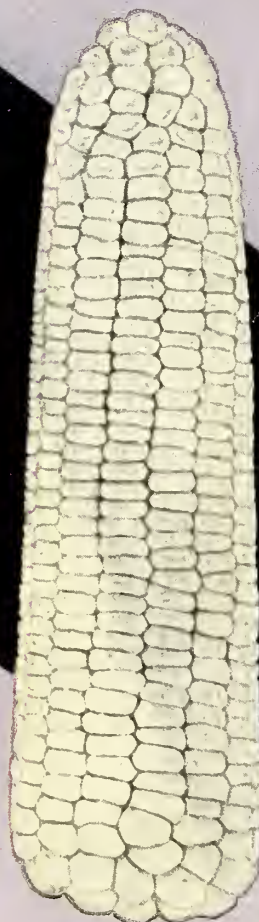
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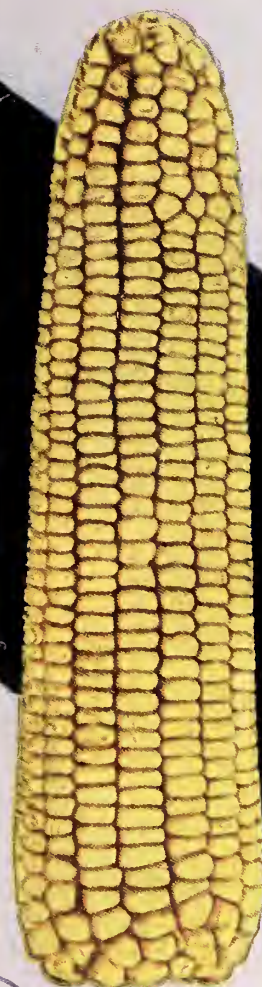
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The above reproductions, while they do not represent quite all the standard Montana varieties listed by us, are repeated in this issue because of their educational value to our customers.

These are ideal Montana types, selected by us for your information, picture these in your mind and remember there is a very close correlation between Type, Yield and Early Maturity.

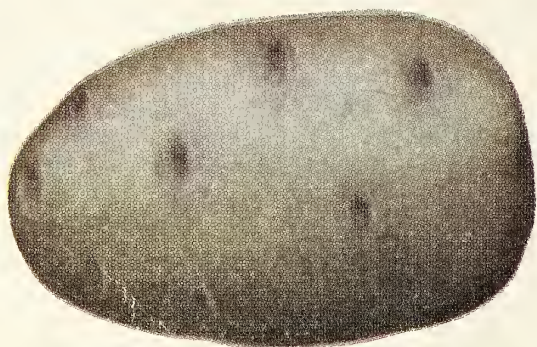




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